



LEXINGTON

RFP-1-2023 Addendum 2
Patrick D. Murphy Co., Inc., Architects
Patrick D. Murphy Co., Inc.
Supplier Response

Event Information

Number: RFP-1-2023 Addendum 2
Title: Design Services for Government Center Annex and Police
Headquarters Roof Replacement
Type: Request For Proposal
Issue Date: 1/4/2023
Deadline: 2/1/2023 02:00 PM (ET)
Notes: Please attach response in one pdf.

Contact Information

Contact: Sondra Stone
Address: Central Purchasing
Government Center Building
Room 338
200 East Main Street
Lexington, KY 40507
Phone: (859) 2583320
Fax: (859) 2583322
Email: ssone@lexingtonky.gov

Patrick D. Murphy Co., Inc., Architects Information

Contact: Jean-Paul Grivas
Address: 4606 Illinois Ave.
Louisville, KY 40213
Phone: (502) 454-5632
Email: jpgrivas@pdmarchitects.com
Web Address: www.pdmarchitects.com

ONLY ONLINE BIDS WILL BE ACCEPTED! By submitting your response, you certify that you are authorized to represent and bind your company and that you agree to all bid terms and conditions as stated in the attached bid/RFP/RFQ/Quote/Auction documents.

Jean-Paul Grivas

Signature

Submitted at 2/1/2023 01:27:21 PM (ET)

jpgrivas@pdmarchitects.com

Email

Response Attachments

(PDMA) RFP 01-2023 Government Center Annex & Police Headquarters Roof Replacement.pdf

Patrick D. Murphy Co., Inc., Architects

Jean-Paul Grivas, AIA
jpgrivas@pdmarchitects.com

(PDMA) RFP 01-2023 Government Center Annex & Police Headquarters Roof Replacement

**Request for Proposal
For
Design Services for
Government Center Annex & Police Headquarters
Roof Replacement
Lexington, KY**



LEXINGTON

Request for Proposal No.: RFP #1-2023

Submitted by:



PATRICK D. MURPHY COMPANY, INC.
4606 ILLINOIS AVE.
LOUISVILLE, KY 40213
Phone Number: (502) 454-5632
www.PDMarchitects.com

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2a. Cover Letter & Addendums

PATRICK D. MURPHY CO., INC. ARCHITECTS

4606 Illinois Avenue • Louisville, Kentucky 40213-1923 • (502) 454-5632

January 31, 2023

Director, Division of Central Purchasing
Lexington-Fayette Urban County Government
200 East Main Street, 3rd Floor
Lexington, KY 40507

Re: Design Services for Government Center Annex & Police Headquarters Roof Replacement
Lexington, KY 40507
RFP# 01-2023

Dear Selection Committee Members,

On behalf of myself and our well experienced Team, we are very interested and definitely want to have the opportunity to serve the Lexington-Fayette Urban County Government for the Government Center Annex & Police Headquarters Roof Replacement Project.

The Patrick D. Murphy Company, Inc. is registered with the Kentucky Secretary of State and is in good standing.

The Patrick D. Murphy Company, Inc. is registered to conduct business with IonWave.

The Patrick D. Murphy Company, Inc. is willing to enter into an agreement with LFUCG.

The Patrick D. Murphy Company, Inc. acknowledges Addendum #1, dated January 13, 2023 and Addendum #2, dated January 25, 2023. See attached addendum documents.

E-mail address' for purposes of this solicitation's requirement are: pdmurphy@pdmarchitects.com & jpgrivas@pdmarchitects.com.

The Patrick D. Murphy Co. Inc. Architects has successfully served Lexington -Fayette Urban County Government in the past including multiple major roof projects, including Fire Station #6, Senior Citizens Center, Family Care Center, Fire Station #1 & Plant Maintenance Building (Sludge) in 2000, OAC Building, Morton House, Fire Station #3 (EMT Unit), CALF Building & Picadome Offices in 2002 as well as the Historic Fayette County Courthouse in 2017 . See our Project Profiles in Attachment '2h' to get a better understanding of our deep and long-term involvement providing quality Roof Consulting Services to our clients.

Our Team has worked on many active campuses with varying roof ages and conditions over our 40-year history. We have brought these facilities educated options for roof restoration programs, roof overlay options and roof replacement scenarios. Each of these selections is very dependent on an in-depth Roof Audit including Infrared Roof Surveys, as required.

Our Team is exceptional at providing current cost estimates for Schematic Design through Construction Document Phases because we actually have four cost estimators that competitively bid roof projects through our construction company, Ray Nolan Roofing Co. Inc. I am one of the estimators and have 40-years of estimating experience for roof projects. The other three estimators add 100 more years of competitive roof bid experience.

The Patrick D. Murphy Co. Inc. shall provide information and education to the user agency to assist in prioritizing and selecting roof projects moving forward. We shall not only provide current and accurate estimates, but we shall also bring to the table, discussion on the lifecycle cost of the options,



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maintenance costs and Warrantee Programs. Now the user agency is making “educated decisions” based on the time value of money.

Over the years our staff has become very adept at providing everything from separate bid packages of roof projects per building to providing multi-building bid packages. We have also worked under multi-year Roof Consulting Agreements whereby the owner reserved the option to increase the design service contract to add roofing projects as additional funding became available.

In addition to the above, Our Team has provided roof management programs to hundreds of clients who wish to get more life out of their existing roof systems. We have been providing this service for 40 successful years. Our clients range from small to campus size to very large (with over 100 buildings). Our philosophy is that if a roof is designed properly, installed properly, and maintained properly it will last over 30 years and we have clients to prove it. Plus, we have created a Roof Management Training Seminar to teach clients how to self-administrate a Roof Management Program. When it comes to Roof Management Programs, we are experts.

Both Jean-Paul Grivas, AIA and Patrick D. Murphy, AIA are registered Green Roof Professionals (GRP) and have been registered for over 10 years through the Green Roofs for Healthy Cities organization. No other architectural company in Kentucky has 2 in-house Green Roof Professionals on staff. Our Team has produced past successful projects and current green roof design projects. We call this part of our practice “roofs are real estate.”

Our team has the proven ability to handle the full scope of roof consulting projects at various distances from our office. We have performed all phases of Roof Consulting throughout Kentucky, Tennessee, Indiana, Ohio, Maryland and New York. Our office is a 60-minute commute to the Government Center Annex & Police Headquarters.

Our team intends to utilize the services of a women owned company (Magna Engineers) for the Mechanical, Plumbing and/or Electrical work that is required. See Attachment ‘2g’. We have worked with Magna Engineers on many projects involving mechanical, electrical & plumbing repairs over the last several years, including Dale Hollow State Resort Park Lodge, KSB: Evans Hall, KSD: Kerr Hall & Lake Barkley State Resort Park Lodge

The Patrick D. Murphy Company Inc., Architects is uniquely qualified to perform existing roof and wall system audits, roof design, roof construction documents, roof project bidding assistance and construction administration. See Attachment ‘2g’ for our team’s organizational chart, resumes of key personnel, and additional pertinent information.

We are true Roof and Wall Consultants and perform 100% of our Architectural practice successfully consulting on all types of roof and exterior wall systems for the past 40 years. Please note: Our team does not sub-contract Roof Consulting or Infrared Surveys. This work is performed completely in-house. Plus, we have an impeccable reputation with NO litigation and NO roof failures. Our team has successfully completed over \$750,000,000.00 (construction dollars) of successful Roof and Wall Consulting projects for both sloped roofs and flat roofs.

This RFP will require a review of the current conditions and the assessment of the existing roofing systems on this facility. Over the years our highly experienced team has established a successful methodology for this type of thorough roof and wall assessment. There are two major portions to our comprehensive existing roof system assessment (known internally as our Roof Observations Audit).



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- Stage 1 Field investigation/observations on the roofs. Our team uses a 47-point checklist, including walls, doors and windows (that we have developed over 40 years of practice) on each and every roof area of each building.
- Stage 2 Office compilations of the above field observations including deck type, entrapped moisture detection, attachment, underlayment, core samples, shingle type, membrane type, weep holes and thru-wall flashing, expansion-contraction issues, water management concerns, transitions, details of construction, etc.

Once we have completed Stage 1 and Stage 2 listed above, our team organizes the pertinent information in an easy to understand Five Part Format:

- Part 1 Executive Summary (Problems, Solutions, Budgets)
- Part 2 CAD Documented Detailed Roof Plans
- Part 3 Existing Condition Report for each roof section and any wall conditions
- Part 4 Existing Condition Photos with captions and explanations
- Part 5 Recommended Solutions and Budgets

The above Roof Observation Audit is the foundation for all our Roof Consulting Projects and all of our Roof Management Programs. It is utilized as a tool to promote healthy dialogue and promote comprehensive, educated decisions as the project progresses. We have successfully produced over 5,000 Roof Observation Audits in the past 40 years. Our team has become extremely efficient at producing them on a timely basis. We can easily accommodate the design schedule as established in this RFP for the construction bid deadline.

The Patrick D. Murphy Company, Inc., Architects has a unique status in the Roof Consulting arena due to the composition of our Project Team. We have experienced personnel in sloped roofing (shingles, slate, tile and metal) and all phases of the flat roofing (2-ply modified bitumen, built-up roofing, and single ply roofing). Our in-house project team has hands-on, daily experience in roof design and construction of over 300 cumulative years. Daily we draw upon our personnel from two family companies with blended staff. One of these companies is Ray Nolan Roofing Co. Inc. and the other is the Patrick D. Murphy Company Inc., Architects. Patrick is President of both companies and they operate under one roof. There is no conflict of interest as Ray Nolan Roofing does not bid on Patrick D. Murphy Co., Inc. projects.

The combination of this experience channeled through the Architectural Company is very powerful in completing all projects on-time and on-budget. Please consider the following strengths:

- We have seven (7) people on staff that have years of experience in expediting the field work for our Roof Observation Audits. We also have seven (7) additional staff members that we can utilize from Ray Nolan Roofing, if required or needed.
- Our team has seven people on staff that work together seamlessly to produce the Five Part Format for our thorough Roof Observations Report and basis of the Roof Management Program.
- The Patrick D. Murphy Company Inc., Architects has four estimators on staff that compile detailed construction cost estimates in a competitive environment on a daily basis with line item calculations including all materials, labor, overhead, profit, and all tools and equipment. This is why you can take our projected construction budgets to the bank. See attached Example of Budgeting Capabilities sheets in Attachment '2j'.
- Our Construction Documents are exceptional because we are now responding to our comprehensive Roof Observations Audit.



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- We provide custom details of construction for all project specific aspects of expansion/contraction, water management modalities, roof transitions, edge details, ice and water shield, wind uplift attachments, fire ratings, Energy Code compliance, masonry, masonry interface, etc. Our team is known for providing a significant amount of construction details to assist proper bidding and ultimately minimize the need for change orders.
- Our team is knowledgeable in all aspects of shingle sloped roofs and metal sloped roofs, 2-ply modified bitumen and all single-ply roof systems for specification coordination and communication. We utilize our proprietary in-house checklist for quality Control and coordination between Specifications and Drawings.
- Our team is experienced and well-versed in assisting the Owner when hosting the Pre-Bid Conference. Our team utilizes a Pre-Bid Checklist that we have developed over the years, and shared with the Commonwealth of Kentucky, when we participated in rewriting their Policy and Procedure Manual related to roof construction.
- The Patrick D. Murphy Company Inc., Architects assists in hosting the Pre-Construction Conference with the awarded roof contractors to establish safety, OSHA compliance, schedules, coordination, communication, emergency procedures with a time proven and thorough checklist that ties back to our Construction Documents.
- Our team is fully engaged as the roof construction project begins, however, let's define engaged. Please remember that our team goes far beyond the general knowledge of architectural construction administration of roof projects because we also provide actual project management of roof construction projects on a daily basis through the roof construction company. This knowledge, combined with our thoroughly detailed and coordinated Construction Documents, assures our clients that their roof projects will finish on-time and on-budget. Don Harpring lives in Versailles, KY with 35 years of Construction Administration experience.
- Jean-Paul Grivas is on the National Roofing Contractors Association Technical Operations Committee and Manual Update Committee. This gives us exceptional access to resources for design and construction of reroof scenarios.

Our team works together seamlessly and efficiently, with complete involvement and dedication.

Patrick D. Murphy, AIA is the Principal in charge for all projects. Patrick shall be involved in the participation and review of all site visits and compilation of field observations in Stage 1 and Stage 2 including the Five Part Format for Roof Observation Audits. Additionally, Patrick will participate in all design construction and cost estimates, construction documents, bidding process, and construction administration.

Jean-Paul Grivas, AIA shall be the Project Manager of all projects and work closely with Patrick in the reviews of all Roof Observation Reports. Jean-Paul shall produce Preliminary Design options and Construction Documents. Jean-Paul will assist in conducting the Pre-Bid Conference, the Pre-Construction Conference, and coordinate site visits and host Progress Meetings.

Monica Murphy, MBA and registered Roof Observer (RRO) will assist in coordinating the data in the Roof Observation Audit Reports. Further, Monica shall be involved in the construction process for quality control and timely reporting on a daily basis through the successful closeout of the Project.

Daniel Wiseman, CDT shall be creating the technical specifications for each project. Plus, Daniel will work through our internal quality control checklist for coordination with design, the details of construction, and the cost estimates.



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Robert Sharp, Sean Murphy, and Paola Murphy provide CAD, clerical, and office supports as we create the reports, configure the cost estimates, produce the reviews and publish the various conference/meeting minutes.

Greg McAuliffe provides experience from 30 years of involvement in steep sloped and metal roofing of all types. Greg shall assist in design decisions, details of construction, construction cost estimating, and scheduling. Please NOTE: Ray Nolan Roofing Co. is certified at Master Contractor Levels for various shingle manufacturers, such as, Certain-Teed, GAF and Owens Corning.

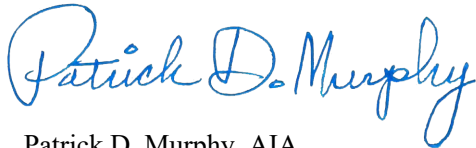
Mike Hock provides over 35 years of experience with both sloped and flat roof systems. Mike shall also be an advisor to assist in design decisions, details of construction, construction cost estimating, and project scheduling.

Don Harpring and Tony Payne have over 65 years of both sloped roof and flat roof installation, as well as onsite project management and roof observations. Please note that Don Harpring lives in Versailles and can be onsite in 20 minutes of a phone call. He has 35 years of hands-on experience in the roofing industry. They shall assist with onsite observations during construction.

In closing, we would be honored to be selected to serve the Lexington-Fayette Urban County Government for the Design Services for Government Center Annex & Police Headquarters Roof Replacement, RFP 01-2023.

Thank you for your consideration.

Sincerely,



Patrick D. Murphy, AIA
President, Patrick D. Murphy Co. Inc., Architects



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ADDENDUM #1

RFP Number: #1-2023

Date: January 13, 2023

Subject: Design Services for Government Center Annex & Police
Headquarters Roof Replacement

Address inquiries to:
Sondra Stone
sstone@lexingtonky.gov

TO ALL PROSPECTIVE SUBMITTERS:

Please be advised of the following clarifications to the above referenced RFP:

See attached HVAC drawings for reference only.

Todd Slatin, Director
Division of Central Purchasing

All other terms and conditions of the RFP and specifications are unchanged. This letter should be signed, attached to and become a part of your submittal.

COMPANY NAME: Patrick D. Murphy Co., Inc. Architects

ADDRESS: 4606 Illinois Ave., Louisville, KY 40213

SIGNATURE OF BIDDER:





ADDENDUM #2

RFP Number: #1-2023

Date: January 25, 2023

Subject: Design Services for Government Center Annex & Police
Headquarters Roof Replacement

Address inquiries to:
Sondra Stone
sstone@lexingtonky.gov

TO ALL PROSPECTIVE SUBMITTERS:

Please be advised of the following clarifications to the above referenced RFP:

1. Pre-proposal sign-in sheet is attached.
2. Review of the roof drain systems, overflow requirements, and replacement of faulty drains shall be considered as part of the overall design scope.

Todd Slatin, Director
Division of Central Purchasing

All other terms and conditions of the RFP and specifications are unchanged. This letter should be signed, attached to and become a part of your submittal.

COMPANY NAME: Patrick D. Murphy Co., Inc. Architects

ADDRESS: 4606 Illinois Ave., Louisville, KY 40213

SIGNATURE OF BIDDER:



SIGN-IN SHEET

Pre-Proposal Meeting #1-2023 Design Services for Government Center Annex and Police Headquarters Roof Replacement
 January 18, 2023 @ 2:00 PM

Representative	Company Name	DBE/MBE/WBE/ Veteran	Phone#	Email Address
Sondra Stone	LFUCG		859-258-3320	ssstone@lexingtonky.gov
Sherita Miller	LFUCG		859-258-3320	smiller@lexingtonky.gov
Chris Litton	LFUCG		859-258-3932	clitton@lexingtonky.gov
Debbie Wynn	Brandstetter Carroll		859-307-9889	duinn@brandstetter.com
Scott Kelsey	LFUCG		859-537-1078	skelsey@lexingtonky.gov
Mark A. Arnold	"		859-998-9847	MarkArnold " " "
LARRY KINNARDS	POLICE		859-492-2891	LKINNARDS@LEXINGTONPOLICE.KY.GOV
DAJ HARRING	PDM ARCHITECTS		859-681-0602	DHARRING@PDMARCHITECTS.COM
Jean-Fran Lewis	PDM ARCHITECTS		502-494-5965	JFRANL@PDMARCHITECTS.COM
Lori Ekerson	Tate Hill Jacobs Architects		859-252-5994	LORI@TATEHILLJACOBS.COM
Katrina Little	Tate Hill Jacobs Architects		859-252-5994	KATRINA@TATEHILLJACOBS.COM

2b. Additional Company Information

PATRICK D. MURPHY CO., INC. ARCHITECTS
FIRM'S EXPERIENCE and EXPERTISE

The Patrick D. Murphy Co., Inc. Architects is a firm founded by a Registered Architect, Patrick D. Murphy that chose to specialize exclusively in the area of Roof Consulting. One major advantage of providing Roof Consulting as a Team of Registered Architects is that we understand the inner workings of the complete building system and how these systems relate to the roof including masonry, metal, water management and expansion and contraction.

From the beginning both Architecture and Roofing have been the primary family business. This has been a unique and unusual environment that created the Patrick D. Murphy Co., Inc. Architects success in the world of Roof Consulting.

110 years ago Thomas J. Nolan (Patrick's grandfather) started his Architectural business in 1911. Two uncles and two cousins continued the business. Patrick is the youngest grandson but not the most recent to enter the Architecture business. Jean-Paul Grivas (Patrick's favorite nephew) entered the business as the fourth generation registered Architect. We are very proud of our century plus heritage of Architecture and family business.

Concurrent with this history... Patrick's other uncle and father founded the Ray Nolan Roofing Co., Inc. in 1957. It has been a long standing and successful roof construction company.

In 1982 Patrick left Nolan & Nolan Architects and came to Ray Nolan Roofing Co., Inc. to work with his father and uncle in the roof construction industry. Patrick has been involved the day to day operations from 1982...forward to the present.

Also in 1982 Patrick founded his Architecture Company and devoted it to the field of Roof Consulting. This Company has developed a magnificent Team (see organization chart) of Roof Consultants since 1982 including Jean-Paul Grivas, AIA and Patrick's daughter, Monica Murphy, MBA, RRO and son Sean Murphy. And of course, Patrick acknowledges a great deal of their success to his wife, Paola who has been the Office Manager from the beginning.

We as an Architectural Company became a powerhouse of Roof Consulting because all Team Members of the Patrick D. Murphy Co., Inc. also work hands-on daily at Ray Nolan Roofing Company. Our Team has over 300 years of daily roof experience in both roof design and roof construction. No one in the Commonwealth of Kentucky or the Region has this depth and diversity of experience.

There is NO conflict of interest because the Ray Nolan Roofing Co., Inc. NEVER bids on the Patrick D. Murphy Company's Architectural work. However, please NOTE...this expertise is of great benefit to our clients. We know all of the "tricks of the trade" when it comes to roof construction. We do not allow short cuts and always deliver a perfect product. Patrick D. Murphy Co., Inc. Architects has no roof failures and never been involved in litigation of any type.

Our Team approaches every roof project with all of the cumulative expertise and a great deal of passion. We have enjoyed working with the Commonwealth of Kentucky and many other clients to resolve roof issues in the past.

We have also brought this energy, passion and experience to notable Roof Consulting clients such as...

- The Commonwealth of Kentucky's State Capitol
- Projects in multiple Kentucky County School Systems
 - Fayette County Schools
 - Washington County Schools
 - Anderson County Schools
 - Garrard County Schools
 - Franklin County Schools
 - Eminence County Schools
 - Logan County Schools
- The Kentucky Center for the Arts
- All the Roof Consulting for the Louisville Regional Airport Authority - Exclusive Roof Consultant 22 years
- All of the Roof Consulting for the Louisville Water Company - Exclusive Roof Consultant 13 years
- All of the Roof Consulting at CVG Airport - Exclusive Roof Consultant 4 years
- My Old Kentucky Home Visitors Center
- U of L JB Speed Scientific School
- U of L School of Law Brandeis
- Lexington Fayette Urban County Government – original 100 year old+ Court House
- Roof Consulting Projects in the Archdiocese of Cincinnati and Ohio
- Roof Consulting Projects in New York and Maryland
- Louisville Memorial Auditorium
- Kentucky Department of Parks
 - East Park Resorts – Greenbo Lake, Carter Caves, Jenny Wiley, EP Sawyer, General Butler, Kincaid Lake, Fort Boonesboro, General Burnside, Pine Mountain.
 - West Park Resorts – Lake Barkley, Dale Hollow Lake, Kenlake, Columbus-Belmont, JJ Audubon.

And these are just a few of the many projects that the Patrick D. Murphy Co., Inc. has successfully completed in the past 39 years. All in all, our staff has completed over \$750,000,000.00 million dollars of successful Roof Consulting Projects.

In addition to the above experience please consider the following:

Patrick Murphy has been the past President of the Kentucky Roofing Contractors Association (3 times) in 1987, 1988 and 1997. Patrick is the past President of the Kentucky Chapter of Roofing Consultants Institute (RCI) (Currently referred to as IIBEC). Under his leadership of 2 terms, the Chapter became the Mid South Chapter of

the RCI by merging both Kentucky and Tennessee Roof Consulting Associations together.

Jean-Paul Grivas is a past President of the Kentucky Roofing Contractors Association, past National Roofing Contractors Association (NRCA) Board Member, past Chairman (and current Committee Member) for two years of the NRCA Manual Update Committee and current Chairman of NRCA's Technical Operations Committee. Jean-Paul also received the AIA Emerging Architect award in 2013 and is the past President for the Central Kentucky Chapter of the American Institute of Architects (AIA).

Both Jean-Paul and Patrick are certified as Green Roof Professionals through the organization of Green Roof for Healthy Cities for sustainable roof solutions.

Daniel E. Wiseman has worked in Architectural Practice for 49 years. He has worked at the Patrick D. Murphy Co., Inc. Architects and Ray Nolan Roofing Co., Inc. for 33 continuous years. Daniel does all of the Technical Specification writing and has been a member of the Construction Specifications Institute (CSI) for years where he earned his Construction Document Technology (CDT) certification.

Monica Murphy has a Masters in Business Administration and has achieved a Certificate in Accounting. Monica was the first female President of the Kentucky Roofing Contractors Association (2 terms). She is also a Certified RRO (Registered Roof Observer) through IIBEC (formerly know as the Roof Consultants Institute). Monica is a past Board Member of the National Roofing Contractors Association & currently is a Committee Member on several NRCA Committees. Monica is involved in both field operations and internal QC for operations at both companies.

Our staff gives back to the Roof Industry by providing quality education. We has assisted as speaker at BURSI (Better Understanding of Roofing Systems Institute) for the Commonwealth of Kentucky. Plus we have created and delivered Educational Programs for the Kentucky Department of Parks, the Kentucky Department of Corrections, CVG Airport and many others. We also host AIA Registered Provider Continuing Education Courses for Roofing. Our Team has hosted classes in Louisville, Lexington and Covington over the many years of giving back.

In conclusion, Patrick D. Murphy Co., Inc. Architects is extremely unique because of the cross pollination of Roof Architectural design and "hands-on" Roof Construction for all staff members on a daily basis. This has lead to our over-whelming success for over three decades of successful Roof Consulting with NO roof failures and NO litigation.

Along the way our staff has been honored to serve the leadership capacity for the Kentucky Roofing Contractors Association, the American Institute of Architects, the Roofing Consultants Institute and the National Roofing Contractors Association.

It is a continuing joy to give back to the Roof Industry by providing quality education for others to effectively identify roof problems and to be empowered to seek educated options for solutions.



Magna Engineers is a woman-owned consulting engineering company providing electrical, mechanical, and instrumentation/controls engineering services. Magna was founded in 2011, and started with a group of mechanical and electrical engineers with a history of working together toward a common goal of innovative and solid engineering practices. Magna is based in Lexington, with a branch office in Louisville.

Magna is a certified Economically Disadvantaged Woman-Owned Small Business in accordance with Small Business Administration (SBA) requirements, and is a certified Women Business Enterprise (WBE) with the Women's Business Enterprise National Council (WBENC). Magna Engineers is listed as an approved WBE with the Louisville-Jefferson County Metropolitan Sewer District.

Electrical engineering design services include low and medium voltage power distribution, interior and exterior lighting, fire alarm, communication systems (including fiber optic and wireless), power quality, security and video surveillance, lightning protection systems, and alternative energy designs. Mechanical engineering design services include geothermal heating and cooling systems, variable refrigeration systems, as well as other traditional HVAC systems, and energy management systems. We also provide plumbing and fire protection designs including fire pump systems.

While Magna Engineers' primary service offering is design for construction, we also perform power system studies, facility assessments, energy audits, life-cycle cost analysis, cost estimating, value engineering, and constructability reviews.

Our staff of professional and LEED accredited engineers and technicians have a combined experience of over 150 years, and have completed projects in a broad market range, including the following:

- Municipal
- Correctional and Justice
- Military
- Industrial
- Water/Wastewater
- Educational
- Recreational
- Commercial
- Medical
- Multi-Family

Experience with design-bid-build, design-build, and construction management projects gives us a unique perspective to various delivery methods, and flexibility with contracting arrangements.

Our goal at Magna Engineers is to provide quality service and ultimate satisfaction of our clients. While we may be a relatively new company, our track record for superior service by our staff members is long, and we intend to continue to improve and expand our mission for excellence as we move forward.

2c. Customer Satisfaction Tracking

CUSTOMER SATISFACTION

Patrick D. Murphy Co., Inc., Architects tracks Customer Satisfaction through

1. Post-Construction Project in-person meetings with our client, where we review the Design & Construction Process with our client and ask for feedback on our performance.
2. Post-Construction Surveys that measure Overall Satisfaction (Overall quality of services, perceived quality of services, client experience, were client's needs fulfilled) & likelihood of engaging our services in the future.
3. A 3-6 month follow-up call or contact to ensure that the design items are still functioning properly.

2d. Continuing Education



Transcript for **Jean-Paul G. Grivas 30141264**
Date Range **From 01/01/2020 To 12/31/2022**

Total LUs **70.25**
Total HSWs **65.75**

Completion Date	Course #	Course Name	Provider Name	Learning Units
12/31/2022	ODVESARMA1221	Building Better with Thermal Breaks	Hanley Wood, LLC	1.00 - HSW
10/06/2022	SIPPTCS2022	Interactive Case Studies	Siplast	1.00 - HSW
10/06/2022	SIPPTTER2022	PMMA Waterproofing for Vehicular Traffic	Siplast	1.00 - HSW
10/06/2022	SIPPTLWIC2022	Reusable Insulation System Design & Demonstration	Siplast	1.50 - HSW
10/06/2022	SIPPTLIQ2022	PMMA Technology & Demonstration	Siplast	3.00 - HSW
10/05/2022	SIPPTPVC2022	PVC KEE Membrane, Systems & Demonstration	Siplast	1.50 - HSW
10/05/2022	SIPPTSBS2022	SBS-Modified Bitumen Membrane Composition & Demonstration	Siplast	1.50 - HSW
09/07/2022	20220907	CAN ARCHITECTS CHANGE PEOPLE'S LIVES? The Muhammad Ali Center – A Case Study	EOP Architects	1.00 - HSW
04/19/2022	22CKCCCD	COVID & Clinic Design Lecture & Tour	AIA Central Kentucky	1.00 - HSW
04/14/2022	K2002KE	Why Use Cover Boards in North America?	BNP Media	1.00 - HSW
04/12/2022	vegsysrfg	Designers Guide to Vegetative Roof Systems	Firestone Building Products	1.00 - HSW
04/12/2022	RFGtpopvc	Understanding Thermoplastics – Why TPO and PVC are Winning on the Rooftop	Firestone Building Products	1.00 - HSW
03/01/2022	22CKCDES	Driving Energy Savings With Building Data	AIA Central Kentucky	1.00 - HSW
03/01/2022	22CKCDR	Disaster Relief SEER Program	AIA Central Kentucky	1.00 - HSW
02/28/2022	SIPLW2021	Reusable Insulation Systems for Roofing & Waterproofing Applications	Siplast	1.00 - HSW

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Transcript for **Jean-Paul G. Grivas 30141264**
Date Range **From 01/01/2020 To 12/31/2022**

Total LUs **70.25**
Total HSWs **65.75**

Completion Date	Course #	Course Name	Provider Name	Learning Units
09/24/2021	CV21KICC	Kentucky International Convention Center Renovation & Expansion	AIA Kentucky	1.50 - HSW
09/24/2021	CV21WIM	Architecture 2100: Why It Matters Today	AIA Kentucky	1.00 - HSW
09/24/2021	CV21SS	Lynn Family Soccer Stadium Tour	AIA Kentucky	1.50 - HSW
09/24/2021	CV21RCF	Reducing The Carbon Footprint of Concrete	AIA Kentucky	1.25 - HSW
09/24/2021	CV21AI	Amazing Interior Spaces in Downtown Louisville	AIA Kentucky	1.50 - HSW
09/23/2021	CV21KNI	Designing a Future that Leverages Technology for Good	AIA Kentucky	1.25 - HSW
09/23/2021	CV21MA	Muhammad Ali Center Tour	AIA Kentucky	2.00 - HSW
09/23/2021	CV21AU	Acupuncture Urbanism	AIA Kentucky	1.25 - HSW
06/17/2021	MSMC07	Metal Panels 101	Metal Sales Manufacturing Corp	1.00 - HSW
06/17/2021	AWIPAIACES02	Insulated Roof Decks	All Weather Insulated Panels	1.00 - HSW
01/01/2021	HBG06D	Timeless Columns in Contemporary Design	Ron Blank & Associates, Inc	1.00 - HSW
01/01/2021	MOR04C	Proper Design and Installation of Adhered Masonry Veneer	Ron Blank & Associates, Inc	1.00 - HSW
01/01/2021	ECS09C	Industrial Resinous Flooring Systems	Ron Blank & Associates, Inc	1.00 - HSW
12/20/2020	AZK06A	Railing Made Simple	Ron Blank & Associates, Inc	1.00 - HSW
12/20/2020	AGC09D	FEVE Architectural Coatings: High Performance Coatings for Expansive, Sustainable Design	Ron Blank & Associates, Inc	1.00 - HSW

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Transcript for **Jean-Paul G. Grivas 30141264**
Date Range **From 01/01/2020 To 12/31/2022**

Total LUs **70.25**
Total HSWs **65.75**

Completion Date	Course #	Course Name	Provider Name	Learning Units
12/20/2020	APR07A	Rooftop Equipment Securement: Codes and Solutions	Ron Blank & Associates, Inc	1.00 - HSW
12/20/2020	BCD07C	Life Safety with Rooftop Accessories	Ron Blank & Associates, Inc	1.00 - HSW
12/20/2020	MRI07B	Snow Retention Devices: The Good, The Bad and The Ugly	Ron Blank & Associates, Inc	1.00 - HSW
12/20/2020	SMA09B	Three Coat Stucco System	Ron Blank & Associates, Inc	1.00 - HSW
12/19/2020	ULT05B	Pedestrian Cable Railings: Guardrails with Cable Infill	Ron Blank & Associates, Inc	1.00 - HSW
12/19/2020	MDM05B	Cast to Last: Architectural Metal Castings	Ron Blank & Associates, Inc	1.00 - HSW
11/17/2020	20CKCBRP	Best Roofing Practices	AIA Central Kentucky	1.00 - Elective
10/13/2020	20CKCBD	Can My BizDev Team Compete Now?	AIA Central Kentucky	1.00 - Elective
09/18/2020	20KYDA	AIA KY 2020 Design Award Recipients	AIA Kentucky	1.00 - HSW
06/30/2020	PVC30I-CST	PVC Roofing Materials - Performance, Construction, Functionality	Carlisle Construction Materials	1.00 - HSW
06/16/2020	FB30I-CST	Fleece Membranes and Urethanes Adhesive - Industry Leading Performance	Carlisle Construction Materials	1.00 - HSW
06/08/2020	SVT08B	Architectural Applications of Water Protection Systems	Ron Blank & Associates, Inc	1.00 - HSW
06/07/2020	DIE05P	Proper Specification and Installation Recommendations for Nonstructural Wall Framing	Ron Blank & Associates, Inc	1.00 - HSW
06/07/2020	PLL05B	Access Ladders & Stairways: Design and Code Solutions	Ron Blank & Associates, Inc	1.00 - HSW
06/07/2020	NYS07A	Managing Building Movement with Joints	Ron Blank & Associates, Inc	1.00 - HSW

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06/07/2020	ICY07D	Continuous Insulation: The Modern Alternative to Traditional Rigid Foam Board	Ron Blank & Associates, Inc	1.00 - HSW
06/06/2020	NOC09B	One Coat Stucco in Modern Society	Ron Blank & Associates, Inc	1.00 - HSW
05/17/2020	RUS07B	We've Got You Covered: Fluid-Applied Roofing Systems	Ron Blank & Associates, Inc	1.00 - HSW
05/17/2020	NGC07A	Advantages of Using Cover Boards in Low-slope Roofing Assemblies	Ron Blank & Associates, Inc	1.00 - HSW
05/16/2020	OMG07A	Cutting-Edge Code Compliance	Ron Blank & Associates, Inc	1.00 - HSW
05/16/2020	TRA07B	Let It Snow: Modern Snow Retention Systems	Ron Blank & Associates, Inc	1.00 - HSW
05/16/2020	OMG07B	Using Electromagnetic Induction Welding to Secure Roofs	Ron Blank & Associates, Inc	1.00 - HSW
04/15/2020	BEI01-CST	The Building Envelope Solution	Carlisle Construction Materials	1.00 - HSW
03/29/2020	KI512P	Cool Roofs for a Hot Planet	BNP Media	1.00 - HSW
03/29/2020	KI511C	Controlling Moisture in Masonry	BNP Media	1.00 - HSW
03/28/2020	K2002B	Cable Railing Systems	BNP Media	1.00 - HSW
03/28/2020	K1801B	Vertical Living Green Walls: Designing for Sustainability	BNP Media	1.00 - HSW
03/22/2020	K2003D	Integrated Water Intrusion Management Solutions for Multifamily Units	BNP Media	1.00 - HSW
03/22/2020	KI504P	Vapor Control: Considerations for Designers and Specifiers	BNP Media	1.00 - HSW
03/03/2020	20CKCEXPO1	2020 AIA CKC/CSI Louisville Trade Fair	AIA Central Kentucky	1.00 - HSW

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Date Range **From 01/01/2020 To 12/31/2022**

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<u>Completion Date</u>	<u>Course #</u>	<u>Course Name</u>	<u>Provider Name</u>	<u>Learning Units</u>
03/03/2020	20CKCDW	Distillery and Welcome Center Design, Construction Operation & Maintenance-The Owner's Perspective	AIA Central Kentucky	1.00 - Elective
03/03/2020	20CKCSB	The Story of Bourbon-From Master Planning to Production and Visitor's Facilities Design	AIA Central Kentucky	1.50 - Elective
02/26/2020	CEU10043	Understanding Porcelain and Ceramic Tiles	CEU Events	1.00 - HSW

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ID: 37859



Monica Murphy

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View CEH Credit History

Your CEH credits are listed below.

Date	Course Name	Type	Quantity	
10/13/2021	NRCA Legal Conference 2021	CEH	11.00	(edit) (delete)
10/13/2020	NRCA Virtual Legal Conference	CEH	9.00	(edit) (delete)
3/12/2020	NRCA Legal Con	CEH	5.00	(edit) (delete)
2/13/2019	R-Value Optimization for Low Slope Roofs	CEH	1.00	(edit) (delete)
2/12/2019	Why Preventative Maintenance: The Benefits of Being Proactive	CEH	1.00	(edit) (delete)
2/12/2019	Emerging Business Technology in the Roofing Industry	CEH	3.00	(edit) (delete)
2/12/2019	How Effective Project Leaders Achieve HUGE Results	CEH	1.50	(edit) (delete)
2/11/2019	Ignoring the Tap on the Shoulder	CEH	1.50	(edit) (delete)
2/11/2019	Profit Is Important....But Cash Flow Is Critical!	CEH	1.50	(edit) (delete)
2/11/2019	IRE Exhibition	CEH	3.00	(edit) (delete)
6/29/2018	KRCA Day on the Hill	CEH	2.00	(edit) (delete)
4/18/2018	Carlisle Product Presentation	CEH	2.00	(edit) (delete)
3/5/2018	Roofing Systems	CEH	1.00	(edit) (delete)
3/5/2018	Roofing Systems	CEH	1.00	(edit) (delete)
3/5/2018	Roofing Systems	CEH	1.00	(edit) (delete)
2/8/2018	KRCA Attorney Presentation on Industry Issues	CEH	2.00	(edit) (delete)
11/2/2017	Roofing Symposium	CEH	2.00	(edit) (delete)
11/2/2017	Building Envelope	CEH	3.00	(edit) (delete)
10/25/2017	EKU Construction Management: Construction Contracts Course	CEH	4.00	(edit) (delete)
10/18/2017	EKU Construction Management: Plan Reading Course	CEH	4.00	(edit) (delete)
10/11/2017	EKU Construction Management: Estimating Course	CEH	4.00	(edit) (delete)
10/4/2017	EKU Construction Management: Scheduling Course	CEH	4.00	(edit) (delete)
7/6/2017	Roofing Systems Seminar - Presenter	CEH	6.00	(edit) (delete)
5/16/2017	Drone Use in Roofing	CEH	2.00	(edit) (delete)
4/25/2017	Roofing Systems Seminar - Presenter	CEH	4.00	(edit) (delete)
3/23/2017	Project Management - Ohio River Bridges Project	CEH	3.00	(edit) (delete)
3/14/2017	Wind Design for Low Sloped Roofs Part I	CEH	8.00	(edit) (delete)
3/14/2017	Wind Design for Low Sloped Roofs Part II	CEH	8.00	(edit) (delete)
11/3/2016	Political Environment of Roofing Industry	CEH	4.00	(edit) (delete)
11/4/2015	Safety Management	COURSE CREATION	2.00	(edit) (delete)
10/23/2015	Roof Management vs. Crisis Management	CONVENTION SPEAKER	3.00	(edit) (delete)
3/19/2015	NRCA Fall Protection	COURSE CREATION	7.00	(edit) (delete)
3/17/2015	RCI-KY & AIA-CKC: Air Barriers	CHAPTER	4.00	(edit) (delete)

10/16/2014	Roofing Systems Seminar	CONVENTION SPEAKER	6.00	(edit) (delete)
4/30/2014	PMMA Liquid Applied Roofing and Waterproofing Systems	COURSE CREATION	2.50	(edit) (delete)
2/13/2014	Roofing Design Conference	COURSE CREATION	4.00	(edit) (delete)
1/1/2013	Roofing Systems Seminar (3=0 for 2012, 3 for 2013)	COURSE CREATION	3.00	(edit) (delete)
1/1/2013	2012 RCI Annual Convention (7=0 for 2012, 7 for 2013)	CONVENTION	7.00	(edit) (delete)
10/8/2012	SBS Modified Bitumen Membrane Composition, Roof System Design & Composition PMMA	COURSE CREATION	4.00	(edit) (delete)
8/21/2012	Roofing Systems Seminar (3=0 for 2012, 3 for 2013)	COURSE CREATION	0.00	(edit) (delete)
3/20/2012	2012 RCI Annual Convention (7=0 for 2012, 7 for 2013)	CONVENTION	0.00	(edit) (delete)
3/16/2012	RRO Exam - Dallas, Tx	COURSE CREATION	1.00	(edit) (delete)
3/16/2012	Passed RRO Exam, CEHs Exempt for 2012	COURSE CREATION	0.00	(edit) (delete)
12/1/2011	RTQA - Atlanta, GA 12/2011	CHAPTER	16.00	(edit) (delete)

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Transcript for **Patrick D. Murphy 30018838**
Date Range **From 01/01/2020 To 12/31/2022**

Total LUs **52.00**
Total HSWs **45.50**

Completion Date	Course #	Course Name	Provider Name	Learning Units
06/07/2022	BSODI2022	Elevating Design with Architectural Stone Veneer	Hanley Wood, LLC	1.00 - HSW
06/07/2022	HWODHUBI120	Managing Condensation and Thermal Performance with Continuous Insulation	Huber Engineered Woods	1.00 - HSW
06/07/2022	PERCI422	Designing to the Edges – Exploring Community-Led Architecture	Hanley Wood, LLC	1.00 - HSW
06/07/2022	ONLBN322	Adaptability and Space Division with Modular Shelving	Hanley Wood, LLC	1.00 - HSW
06/07/2022	ODSZ3224	Designing Minimalist Kitchens that Maximize Style	Hanley Wood, LLC	1.00 - HSW
06/07/2022	ODNRMCA422	Life Cycle Assessment of Concrete Buildings	Hanley Wood, LLC	1.00 - HSW
06/07/2022	MITEKI2022	Fully Integrated Collaboration in the Construction Process	Hanley Wood, LLC	1.00 - Elective
06/07/2022	Jac322	The Wellness Experience – Hydrotherapy with Jetted Freestanding Bathtubs	Hanley Wood, LLC	1.00 - HSW
06/07/2022	CPRESOD2020	Residency: Urban Land Use and Growth	Hanley Wood, LLC	1.00 - HSW
06/05/2022	ODThinkWood522	Innovations in Wood: Understanding the Latest Advances in Wood Research and Design	Hanley Wood, LLC	1.50 - HSW
06/05/2022	ODNucor0422	Where Your Steel Comes From, and Why it Matters	Hanley Wood, LLC	1.00 - HSW
06/05/2022	ODInnotech322	Design Options for Aluminum Balconies and Awnings	Hanley Wood, LLC	1.00 - HSW
06/05/2022	ODgrasstex422	Innovations in Turf Technology and Applications for the Hospitality Industry	Hanley Wood, LLC	1.00 - HSW
06/05/2022	AR6223	Meeting the Energy Needs of Warehouse Facilities with Propane	Hanley Wood, LLC	1.00 - HSW
02/28/2022	SIPLW2021	Reusable Insulation Systems for Roofing & Waterproofing Applications	Siplast	1.00 - HSW

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06/06/2021	ARI02019-3	Testing, Certification, and Installation of Commercial Roofing Products that Meet Thermal, Fire, Wind, and Impact Standards	Hanley Wood, LLC	1.00 - HSW
06/06/2021	TWHOSTI220	Designing Beneficial Spaces for Living, Working and Well-being	Hanley Wood, LLC	1.00 - HSW
06/06/2021	JWII2018	High Tech Wood Windows: Design Challenges and Solutions	Hanley Wood, LLC	1.00 - Elective
06/06/2021	AR6216	Using Technologically Advanced Metal Building Products in LEED, Net Zero, and Passive Buildings	Hanley Wood, LLC	1.00 - HSW
06/06/2021	AR6213	Sustainable and Renewable Coastal Softwood Timbers – The Environmental Choice	Hanley Wood, LLC	1.00 - HSW
06/06/2021	ARII2020-3	Settling In: Sustainable Strategies for Designing Affordable Multifamily Housing Programs	Hanley Wood, LLC	1.00 - HSW
06/06/2021	AR062020-2	Western Red Cedar The Renewable, Sustainable Choice	Hanley Wood, LLC	1.00 - HSW
06/03/2021	LACINTSPAI120	Creating Integrated Spaces for Wellbeing Using Folding, Multi-Slide, and Swing Door Wall Systems	Hanley Wood, LLC	1.00 - HSW
06/03/2021	ARO22021-1	The Future of Urbanization	Hanley Wood, LLC	1.00 - HSW
06/03/2021	HWUPERCOD02	Propane Gas Systems: Considerations for Residential Construction	Hanley Wood, LLC	1.00 - HSW
06/03/2021	MVI120	Architect's Guide to Specifying and Installing Gas Fireplaces: Finding the Right Fit	Hanley Wood, LLC	1.00 - HSW
06/03/2021	TRAHOLSOL0121	Holistic Solutions to a Healthy Indoor Environment	Hanley Wood, LLC	1.00 - HSW
06/03/2021	ODHW720-MAS	Understanding Shooter/Attack-Resistant Door Opening Solutions	Masonite Architectural	1.00 - HSW
11/17/2020	20CKCBRP	Best Roofing Practices	AIA Central Kentucky	1.00 - Elective
10/16/2020	AmbImpWel06202	Improve Employee Well-being, Engagement, and Productivity with Biophilic Design	Hanley Wood, LLC	1.00 - HSW

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10/14/2020	PKL042020	Waterproof and Stain Resistant: Benefits of Sustainable Plastic Wall Panels and Ceiling Tiles	Hanley Wood, LLC	1.00 - HSW
10/14/2020	PhOCWell0220	Improve Occupant Wellness & Productivity with Solar Shading Fabrics	Hanley Wood, LLC	1.00 - HSW
10/14/2020	MATFOL2020	Building Sustainably: Fire Safety and Design Solutions for Building with Heavy Timber	Hanley Wood, LLC	1.00 - HSW
10/14/2020	BNLouv0620	Design that Fools the Senses: Replicating Wood Slats and Louvers with Aluminum and Non-PVC Film	Hanley Wood, LLC	1.00 - HSW
10/14/2020	AzekSUS0820	The Sustainability of Synthetic Materials Used for Decking, Trim, and Patio Projects	Hanley Wood, LLC	1.00 - HSW
10/14/2020	AR052020-3	Smarter Innovation: Understanding Theories of Exnovation to Adopt New Innovations, Overcome Risk Aversion, and Build Better Decks	Hanley Wood, LLC	1.00 - HSW
10/14/2020	AR082020-4	Sensory Design and Eliciting Emotion: Theories of Home, Living, and What it Means to Experience a Space	Hanley Wood, LLC	1.00 - HSW
10/14/2020	AR052020-1	Fire Engineering for Structural Steel Buildings	Hanley Wood, LLC	1.00 - HSW
10/13/2020	ABKEYLOCK0620	Protecting Critical Infrastructure with an Electro-Mechanical Intelligent Key Locking System	Hanley Wood, LLC	1.00 - HSW
10/13/2020	ODGKDARMESH620	Enhancing the Built Environment with Architectural Metal Fabric	Hanley Wood, LLC	1.00 - HSW
10/13/2020	AR092020-1	Breaking In: Designing and Strategizing for Successful Multifamily Housing Projects	Hanley Wood, LLC	1.00 - HSW
10/13/2020	AR082020-3	Addressing the Pains of Increased Disinfection Protocols on Architectural Wall Coatings in Healthcare: A Prescription for Success	Hanley Wood, LLC	1.00 - HSW
10/13/2020	AR082020-1	Designing the Outdoor Oasis: Ensuring Client Satisfaction through Effective Project Management	Hanley Wood, LLC	1.00 - HSW
10/13/2020	ODBPValPai0630	Value of Paint	Behr Process Corporation	1.00 - HSW
10/12/2020	AR052020-8	Transforming the American Kitchen through Quality, Innovation, and Design	Hanley Wood, LLC	1.00 - Elective

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10/12/2020	WRLP2020	Whole House Appliances: Designing an Innovative, Multi-Purpose Laundry Room	Hanley Wood, LLC	1.00 - HSW
10/12/2020	CS82020	Uses, Safety Guidelines, and Innovations of Engineered Quartz Surfaces	Hanley Wood, LLC	1.00 - HSW
10/12/2020	ARI02020-3	The Importance of Improving Hygiene in Commercial Restrooms	Hanley Wood, LLC	1.00 - HSW
10/12/2020	AR052020-6	Interior Extruded Aluminum Trim Bridges Commercial and Residential Projects	Hanley Wood, LLC	1.00 - HSW
10/12/2020	ARI02020-2	The Form and Function of Decorative Concrete	Hanley Wood, LLC	1.00 - Elective
03/03/2020	20CKCSB	The Story of Bourbon-From Master Planning to Production and Visitor's Facilities Design	AIA Central Kentucky	1.50 - Elective

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2e. Current Number of Employees & Employee Types

PATRICK D. MURPHY CO., INC. ARCHITECTS
Current Number of Employees and Employee Types

- 1 - Administrator (Full-Time)
- 2 - Professionals (Full-Time)
- 1 - Technician (Full-Time)
- 2 - Office/Clerical (Full-Time)
- 1 - Skilled Craft (Full-Time)

7 Employees Total

2f. Statement of General Firm Qualifications

PATRICK D. MURPHY CO., INC. ARCHITECTS
Statement of General Firm Qualifications & Capacity

We have the availability to begin this and/or any project immediately upon written contractual notice. We are prepared to meet and exceed any established parameters.

Schedules can be compressed, as the need requires accommodating the constraints of any project.

The analysis of the roof and all of the drawings, specifications and budgets shall be expedited by Patrick Murphy AIA, Jean-Paul Grivas AIA, and Monica Murphy RRO.

We do have the availability of alternative and additional in-house staff if required. Our Company has backup for each position to reach the goal of being on time, on budget, and completed with impeccable quality.

The address of the office where the principal amount of Work of this Project will be performed:

Patrick D. Murphy Co., Inc., Architects
4606 Illinois Ave.
Louisville, KY 40213

All of the Field Observations, Roof Observations Reports, Details of Construction, Specifications and Construction Cost estimates related to the roof shall be done by in-house staff. The Patrick D. Murphy Co., Inc., Architects staff will handle lead on this project with Plumbing being performed by Magna Engineers.

Patrick D. Murphy Co., Inc., has seven (7) direct Patrick D. Murphy Co., Inc. staff members that are highly educated in the area of Roof audit, Construction Estimating, Construction Documents, Bidding Assistance and Construction Administration. We have an additional seven (7) Ray Nolan Roofing support staff members available. This group comprises over 300 years of day-to-day “hands-on” experience for expediting multiple projects without compromising Quality Control.

Our current listing of workload is as follows:

- **Current contracts**
 - West KY Department of Parks-Roof Replacements
 - Scope: Multiple building roof replacements (SBS Modified Bitumen & Asphalt Shingles)
 - Status:
 - Lake Barkley Little River Lodge – Awarded
 - JJ Audubon Nature Museum Center - Awarded
 - JJ Audubon Tea House – Schematic Design Phase
 - East KY Department of Parks-Roof Replacements
 - Scope: Multiple building roof replacements (SBS Modified Bitumen, Asphalt Shingles & Slate)

- Status:
 - Fort Boonesboro Flat Roofs – Awarded
 - Burnside Bath House – Under Construction
 - Waveland Multi Bldg. – Out to Bid
 - Blue Lick Pioneer Museum – Awarded
 - General Butler Turpin House – Out to Bid
- KCIW: Main Building Window Replacements
 - Scope: Detention Window Replacements at East Wing + Masonry Repairs to entire building
 - Status: Under Construction
- KCPC Administration Building (1 & 2)
 - Scope: SBS Modified Bitumen Roof Replacements & Tilt-up Wall Panel Joint Repairs
 - Status: Under Construction
- KYTC: Trimble & Henry County Maintenance Garages
 - Scope: PVC flute fill overlay on existing metal roof system
 - Status: In Close-out Phase
- Kentucky Exposition Center: Grand Lobby Roof Replacements
 - Scope: SBS Modified Bitumen Roof Replacements
 - Status: Under Construction
- KY School for the Blind/ KY School for the Deaf: Roof Upgrades
 - Scope: Multi-Building SBS, Metal & Shingle Roof Replacements
 - KSB Status:
 - Evans Hall, Langan Gym & Gregory-Ries Student Center – Under Construction
 - Howser Hall – Ready to Advertise
 - Scoggan Hall – Ready to Advertise
 - Richie Auditorium – On-Hold
 - KSD Status:
 - Thomas Gym, Kerr Hall, & Grow Hall – Under Construction
 - Brady Hall – Ready to Advertise / On-Hold
 - Middleton Hall – Awarded
- Kentucky State University: Roof Repairs & Replacements
 - Scope: Multi-Building SBS Roof Replacements
 - Status:
 - Exum Center – Under Construction
 - Carver Hall – Under Construction
 - Blazer Library – Under Construction
- University of Louisville: Brandeis School of Law
 - Scope: SBS Modified Bitumen Roof Replacements
 - Status: Awarded
- Madisonville Community College: Mahr Art Center
 - Scope: SBS Modified Bitumen Roof Replacements
 - Status: Under Construction
- Hopkinsville Community College: Flex Center
 - Scope: Metal Roof Replacements
 - Status: In Close-Out Phase
- Louisville Water Company: John L Huber Building (Headquarters)

- Scope: SBS Modified Bitumen Roof Replacements
 - Status: In Close-Out Phase
- Louisville Muhammad Ali International Airport: SDF Electrical Vault
 - Scope: SBS Modified Bitumen Roof Replacements
 - Status: Under Construction
- AppHarvest Richmond
 - Scope: Roof Observations
 - Status: Under Construction
- Louisville Metropolitan Sewer District (MSD): Roof Observer
 - Scope: Multi-Building Roof Observations
 - Status: Under Construction

2g. Project Team

Staff Assignments

In the Roof Assessment Phase- Patrick D. Murphy, AIA, Jean-Paul Grivas, AIA, Monica Murphy, RRO, Danny Wiseman, CDT, Technical Field Staff and our estimating Department all collaborate for the production of the FIVE PART ROOF ASSESSMENT REPORT.

In the above-mentioned REPORT, if the Field Assessment identifies any Structural issues we also engage Cornerstone Engineering, Inc. The same is true for the Electrical and/or Mechanical as it impacts the roof project to engage Magna Engineers, PLLC.

As we move through remaining Phases Patrick D. Murphy, AIA and Jean-Paul, Grivas, AIA communicate and coordinate all of the above staff members and consultants. These Phases include Programming, Roof Assessment, Preliminary Roof Concepts and Design, Budgeting, Construction Documents, Technical Specifications and Warranty review. Jean-Paul Grivas, AIA and Monica Murphy, RRO typically will handle the Pre-Bid Conference, Bidding Assistance, Pre-Construction Conference, Construction Administration, Progress Meetings and Construction Project Closeout with Patrick D. Murphy, AIA as a backup resource. In conclusion, please consider the following.

1. Our Team has focused exclusively on Roof Consulting and Building Envelope Moisture Management for over 38 continuous and successful years.
2. We have provided Roof Consulting and Building Envelope Moisture Management for the Louisville Regional Airport Authority, Commonwealth of Kentucky facilities, Hospitals, other Municipalities, Colleges, Schools and Private Owners as their competitively selected and exclusive Roof Consultant for 38 successful years.
3. Our Team comprises, collectively, over 300 years of roof related experience.
4. Our breadth and depth of experience is extremely enhanced by our day-to-day operations of a Roofing Contracting Company.
5. We have developed and administered hands on Roof Management Programs for over three successful decades, through which we have helped our clients achieve longer useful lifecycles from their roof systems and cut back on roof related expenditures due to the proactive approach of the program.
6. Because we are actively involved in the American Institute of Architects, Roofing Contractors Association, and the National Roof Consultants Institute, Inc., we have access to resources that are beyond any Architectural or Roofing Consulting firm in the region.
7. Our Team supersedes periodic and/or full-time (added cost) Construction Administration because of the following:
 - a. We are the only architectural firm in the region to have a full-time Registered Roof Observer on our staff.
 - b. Our staff is very experienced in Project Management during construction because we manage roofing contracting construction projects on a daily basis. This experience is well beyond that of a standard architectural firm.
8. Our Team has the necessary equipment and experience in-house to perform roof core cuts, perform Infrared Roof Surveys, provide pull test data for wind uplift

calculations and we have various methods of moisture detection testing.

We utilize all of the enclosed tools, experience, education, and resources to provide our clients with the BEST Roof Assessment, Lifecycle Projections, Recommended Solutions & Budgets, and Roof Consulting in the industry. Patrick D. Murphy Co., Inc. Architects would be honored to be retained as the Roof Consultant for the Lexington-Fayette County Urban Government to perform the projects listed in RFP# 01-2023 in Lexington, KY.



PRINCIPAL IN CHARGE

PATRICK D. MURPHY, AIA, GRP

PRESIDENT

Patrick D. Murphy Co., Inc. Architects
Ray Nolan Roofing Co.

EMPLOYMENT

1980 TO PRESENT (42 YEARS) PATRICK D. MURPHY COMPANY, INC. ARCHITECTS	DUTIES: President
1982 TO PRESENT (40 YEARS) RAY NOLAN ROOFING COMPANY, INC.	DUTIES: President
1976 TO 1982 NOLAN AND NOLAN INC. ARCHITECTS	DUTIES: Project Architect

DUTIES AS PRESIDENT OF PATRICK D. MURPHY CO., INC., ARCHITECTS

1. Administrator of Company/Principal in Charge
2. Field Observation Coordinator
3. Production Coordinator/Technical Assistance
4. Legal/Financial Management
5. Quality Control
6. Client Contact

EDUCATION/ ACCREDITATIONS/ LICENSES

Bachelor of Architecture: 1977, University of Kentucky - College of Architecture

Professional Architecture License: 1980, State of Kentucky, License #2497

NCARB – National Council of Architecture Registration Board: 1980, File #24768

Broker's License in Real Estate: 1980, Commonwealth of Kentucky

Manville Corporation - Built-Up Roofing Systems Institute: 1982, 2002, and 2005

CARE, Ltd. – Center for the Advancement of Roofing Excellence: 2002

National Roofing Contractors Association - Vegetative Roof Systems for Roofing Contractors: 2009

National Roofing Contractors Association - Advanced Roofing Technology: 2009

Green Roof Professional Accreditation: 2009, Green Roofs for Healthy Cities

TEACHING POSITION

Bellarmino University: Professor – Built-up Roof System Seminar 1983-1989

Bursi Program

AIA Registered Provider CEU Credits, BUR 101 and Roof Management Courses

PROFESSIONAL ORGANIZATIONS

American Institute of Architects – National: (AIA)

American Institute of Architects – Kentucky: (AIA-KY)

American Institute of Architects – Louisville

Green Roofs for Healthy Cities: Green Roof Professional

National Roofing Contractors Association and Kentucky Roofing Contractors Association

- KRCA past President (1987,1988 and 1997)

Builders Exchange of Kentucky:

- Past President (2014)
- Current Board Member
- Founding Member

Roof Consultants Institute – Mid South Chapter (2014, 2015):

- Past 2-Term President (2014, 2015)
- Current Board Member

National Board of Realtors/Louisville Board of Realtors

Kentucky Real Estate Commission:

- Licensed Real Estate Broker



JEAN-PAUL G. GRIVAS AIA, GRP

VICE PRESIDENT

Patrick D. Murphy Co., Inc. Architects

EMPLOYMENT

1996 TO PRESENT

**PATRICK D. MURPHY
COMPANY, INC.**

DUTIES:

Architectural Designer, Project Manager, CAD
Draftsman, Infrared Thermographer

1993 TO PRESENT

**RAY NOLAN ROOFING
COMPANY, INC.**

DUTIES:

Roofing field work 1993 - 1996; Office Work - 1996
to Present Job Coordination, Estimating, Shop
Drawings, Marketing, Infrared Thermographer

1992 TO 1993

**PATRICK D. MURPHY
COMPANY, INC. ARCHITECTS**

DUTIES:

Worked co-op for Jeffersontown Vocational School

1991 TO 1992

**NOLAN AND NOLAN
INC., ARCHITECTS**

DUTIES:

Draftsman, Maintenance

EDUCATION/ ACCREDITATIONS/ LICENSES

Professional Architecture License:

- State of Kentucky, License #5798
- State of Ohio, License # ARC.2028213

Bachelor of Architecture: 1999, University of Kentucky

I.D.P. – Intern Development Program: 1999 - 2002

NCARB – National Council of Architecture Registration Board: Completed 2002

BURSI Program (Better Understanding of Roofing Systems Institute): 2000 & 2005

Sales Associate License in Real Estate: 2000, State of Kentucky

CARE, Ltd. – Center for the Advancement of Roofing Excellence: 2002

National Roofing Contractors Association - Vegetative Roof Systems for Roofing
Contractors: 2009

National Roofing Contractors Association - Advanced Roofing Technology: 2009

Green Roof Professional Accreditation: 2009, Green Roofs for Healthy Cities

PROFESSIONAL ORGANIZATIONS

American Institute of Architects – National (AIA)

American Institute of Architects – Kentucky: (AIA-KY)

- State IDP Coordinator (2014-2016)
- Director (2016-2018)
- Chairman of Career Success & Professional Development Committee (2019-Present)

American Institute of Architects – Central Kentucky Chapter: (AIA-CKC)

- Immediate Past President (2018)
- Emerging Professional Award Recipient 2013
- Chairman of Intern Development Program Committee (2010-2015)

National Roofing Contractors Association: (NRCA)

- Board Director (2010- 2013)
- Committee Member of The NRCA Technical Operations Committee (2020-Present)
- Chairman of The NRCA Roofing Manual Update Committee (2013 & 2014)
- Committee Member of The NRCA Manual Update Committee (2010-Present)
 - Membrane Roof Systems (2011, 2015, 2019)
 - Metal Panel & SPF Roof Systems (2012, 2016, 2020)
 - Steep Slope Roof Systems (2013, 2017, 2021)
 - Architectural Metal Flashing, Condensation & Air Leakage Control & Reroofing (2014, 2018)

Kentucky Roofing Contractors Association: (KRCA)

- Chairman of the Board (2010)
- President (2009)
- Director (2006-2008)

International Institute of Building Enclosure Consultants: (IIBEC)

- Application accepted for Registered Roof Consultant (RRC) Designation (2020)

The National Center for Construction Education and Research: (NCCER)

- Subject Matter Expert (SME) for Roof Training Manuals: (2020-Present)
 - Intro to Roofing
 - Intro to Low Slope roofing
 - Drawings in Roofing
 - Substrates, Decks & Roof Insulation
 - Sheet Metal in Roofing
 - BUR
 - Asphalt Shingle Systems
 - Clay & Concrete Tile Roofing
 - Thermoplastics
 - Poly-Mod Roofing
 - Liquid Applied
 - SPF
 - Slate

PRESENTATIONS

Roofing & Roof Maintenance

- Builders Exchange of KY (2012)
- CVG (2019 & 2021)
- KY Department of Education (2014)
- KY Department of Corrections (2017)
- IFMA Louisville (2018)

AIA-CKC / KRCA Joint Roundtable Discussion on Roofing: Moderator (2017 & 2020)

NRCA Young Contractor's Emerging Technology Roundtable Discussion (2019)



ASSISTANT PROJECT MANAGER

DANIEL E. WISEMAN, CSI, CDT

TECHNICAL SPECIFICATIONS

Patrick D. Murphy Co., Inc. Architects
Ray Nolan Roofing Co.

EMPLOYMENT

1985 TO PRESENT

**PATRICK D. MURPHY
COMPANY, INC. ARCHITECTS**

DUTIES:

Manager, Design Documents, Construction Documents, Bidding Assistance, Project Supervision, Specification writing, Project follow up and Close out.

1986 TO PRESENT

**RAY NOLAN ROOFING
COMPANY, INC.**

DUTIES:

Office Manager, Job Coordination, Estimating & Safety Director, Benefits Coordinator, Shop Drawings.

1973 TO 1985

**NOLAN AND NOLAN INC.
ARCHITECTS**

DUTIES:

Project Captain, Project Supervision, Topography Surveys

1973 TO 1985

**LUCKETT & FARLEY, INC.
ARCHITECTS**

WHILE THERE:

2 years U.S. Navy with Honorable Discharge;
Surveyor Training

EDUCATION

Trinity High School - 1965

Jefferson Area Vocational School - 1967, 2-year Certificate

University of Louisville - 1-year

Continuing Education - Technical Schools, Computer Training, OSHA Course #500 Basic Instructor Course.

BURSI Program (Better Understanding of Roofing Systems Institute) - 1998

Construction Specifications Institute - 1999, Construction Documents Technologist Certification

PROFESSIONAL ORGANIZATIONS

National Roofing Contractors Association

Kentucky Roofing Contractors Association:

- Past President

The Construction Specifications Institute (CSI)

- Construction Documents Technologist Certification

Builders Exchange of Kentucky, Inc.

National Federation of Independent Business

Trinity High School Alumni Association

University of Louisville Alumni Association

Habitat for Humanity



TECHNICAL SUPPORT

MONICA MURPHY, MBA, RRO

REGISTERED ROOF OBSERVER

Patrick D. Murphy Co., Inc. Architects
Ray Nolan Roofing Co.

EMPLOYMENT

2010 TO PRESENT

**PATRICK D. MURPHY
COMPANY, INC. ARCHITECTS**

DUTIES:

Project Coordination and Technical Support, Conduct Roof and Wall Assessments, Perform Field Testing, Estimate Jobs, Sales and Marketing

2010 TO PRESENT

**RAY NOLAN ROOFING
COMPANY, INC.**

DUTIES:

Project Manager, Project Coordination and Technical Support, Conduct Roof Assessments, Roof Observation Team Leader, Estimate Jobs, Sales and Marketing

EDUCATION

University of Louisville, B.S. – 2006

Bellarmine University, M.B.A. – 2008

Bellarmine University, Certificate of Professional Accountancy – Spring 2017

A-Pass Weikel Real Estate Institute – 2007

BURSI Program (Better Understanding of Roofing Systems Institute) – 2011

Building Products University – 2011

PROFESSIONAL ORGANIZATIONS

Roof Consultants Institute, Inc. – National:

- Registered Roof Observer (RRO)

Roof Consultants Institute, Inc. – Kentucky Chapter:

- Founding Member
- 2-Term Past Treasurer (2014, 2015)

Builders Exchange of Kentucky, Inc.

National Roofing Contractors Association

- Current Board Member (2019-Present)

Kentucky Roofing Contractors Association:

- 2-Term President of the Board (2017 & 2018)

Kentucky Real Estate Commission:

- Licensed Sales Associate

National Board of Realtors

Louisville Board of Realtors



SEAN MURPHY

ASSOCIATE PROJECT MANAGER / SALES & MARKETING

Patrick D. Murphy Co., Inc. Architects
Ray Nolan Roofing Co.

SUMMARY

I have spent more than 15 years in processing, telephone communications, sales and marketing with a focus in construction, roofing and architecture.

SKILLS AND EXPERTISE

- Marketing and Communications Execution
- Social Media Processes
- Brand Development, Positioning and Management
- Retail Management
- Project Management

EMPLOYMENT

2018 TO PRESENT

**PATRICK D. MURPHY
COMPANY, INC.
ARCHITECTS**

DUTIES:

Project Management

- Assist with creating and processing documents related to on-going projects

2018 TO PRESENT

**RAY NOLAN ROOFING
COMPANY, INC.**

DUTIES:

Sales Manager

- Sold roofing products to commercial industry in Kentucky
- Managed existing customers and projects

2003 TO 2018

WILDCAT WEARHOUSE
Campus Wearhouse
Retail Stores

DUTIES:

Area Manager
Merchandising & Purchasing Manager
E-Commerce Manager
Sales & Production Manager

PERSONAL & ACADEMIC

- Lived and worked in Louisville for professional working life
- Bachelor's Degree in Marketing, University of Louisville
- Played Division I soccer for the University of Louisville

COMMUNITY ACTIVITIES

- School Board Chairperson, Ascension School, Louisville, KY
- Council Member, Ascension Parish, Louisville, KY
- Youth Soccer & Basketball Coach



ROBERT B. SHARP II

ASSISTANT PROJECT MANAGER

Patrick D. Murphy Co., Inc. Architects

SUMMARY

- 4 years of architectural design & drafting education
- 9 years trade experience in the cabinetry & millwork field
- 21 years of experience in architectural drafting & design
- Professionally proficient with AutoCAD (2000 through 2019), Trimble Sketchup Pro, MS Office (Word, Excel, Outlook), MicroVellum, the Windows operating system
- Resume & portfolio examples posted on LinkedIn.com

EDUCATION

- Fall 1996 – Spring 2000 at Three Rivers Com. Tech. College, Norwich CT
- Fall 1995 – Spring 1996 at Western New Mexico University, Silver City NM
- Fall 1994 – Spring 1995 at University of Connecticut – Avery Point, Groton CT

EMPLOYMENT

MAY 2020 TO PRESENT
PATRICK D. MURPHY
COMPANY, INC.
ARCHITECTS
Louisville, KY

DUTIES:
Assistant Project Manager

- Architectural Design and Drafting

MAY TO AUG 2016
JUNE 2018 TO MAY 2020
FOUR STONE
CUSTOM MILL &
CASEWORK
Louisville, KY
(502) 451-1528

DUTIES:
Draftsman/Project Engineer/Project Manager

- Drafting & design on custom commercial & residential cabinetry & millwork
- Generation of production drawings for C.N.C. equipment using Microvellum
- Site measurement & photography
- Project management

NOV 2014 TO PRESENT
ARCHITECTURAL
DRAFTING & DESIGN
Louisville, KY

DUTIES:
Architectural Draftsman, Owner/Operator

- Architectural, millwork, & civil drafting
- Generation of drawings for commercial & residential projects
- Generation of presentation renderings in SketchUp Pro

EMPLOYMENT

OCT 2016 TO FEB 2018

IDEA SOURCE

Louisville, KY
(502) 552-5159

DUTIES:

Draftsman/Project Manager

- Generation of commercial architectural & interior design drawings
 - Project scheduling & permitting management
-

SEPT 2015 TO MAY 2016

**SENLER, CAMPBELL,
& ASSOCIATES**

Louisville, KY
Contact: Joe Lenzi
(502) 636-3568

DUTIES:

Structural Draftsman

- Generation of structural steel & concrete construction drawings for institutional, municipal, commercial & multi-unit residential projects
-

SEPT 2014 TO APR 2015

**LOUISVILLE WATER
COMPANY**

Louisville, KY
Contact: Todd Lopp
(502) 569-3600

DUTIES:

Draftsman/Survey Technician

- Temporary assignment through Snelling Staffing (502) 814-9800
 - Extensive professional interaction with engineering staff and field personnel
 - Collection of deed and/or plat information from public records
 - Drafting of project survey maps & easement plats from public record & field survey information
 - Drafting of construction documents for water distribution systems
 - Field survey work including, but not limited to, property boundary determination; pipeline route profile determination; water distribution & service facility location/inspection
-

JULY 2012 TO JUNE 2014

METAL SALES INC.

Louisville, KY

DUTIES:

Product Technician

- The design and detailing of architectural flashings, metal roof/wall panel systems, & retro-fit roof framing systems
 - The drafting of shop drawings for product installation & architectural record
 - The generation of bills of material for architectural flashings, metal roof/wall panel systems, & retro-fit roof framing systems
 - Extensive professional interaction with both in-house & outsourced product sales representatives, & manufacturing & product installation professionals
-

SEPT 2008 TO AUG 2009

**WATROUS ASSOC.
ARCHITECTS /
SUN-EARTH DESIGNS**

Louisville, KY

DUTIES:

CAD Draftsman/Designer (Contractor)

- Generation & preparation of design & construction drawings with AutoCAD
- 3D modeling & rendering of structures & sites for presentation/design with Google/Trimble SketchUp

EMPLOYMENT

AUG 2006 TO SEPT 2008
SCOTT-KLAUSING &
CO.: ARCHITECTS &
PLANNERS

La Grange, KY

DUTIES:

CAD Draftsman/Designer

- Generation & preparation of design & construction drawings with AutoCAD
- Site measurement & photographic survey of existing structures for renovation & new construction
- 3D modeling & rendering of structures & sites for presentation/design in Google/Trimble SketchUp
- Coordination and integration of subcontractor drawings & specifications into project documents
- Project presentations to private & municipal clients
- Assistance with site inspection & management of ongoing projects

OCT 1999 TO SEPT 2005
HANFORD CABINET &
WOODWORKING

Old Saybrook, CT
Contact: Stephen Hanford
(860) 388-5055

DUTIES:

Assistant Designer & Project Manager

- Architectural cabinetry & millwork design & installation
- Production of CAD & board-drafted drawings & details
- The specification of kitchen & bathroom appliances & fixtures
- Project management & minor general contracting, including site measurement
- Generation of proposals, contracts, & cabinetry orders
- Design, budget, & contract presentations to clients



DON HARPRING

ROOF CONSULTANT - TECHNICAL LEAD

Patrick D. Murphy Co., Inc. Architects
Ray Nolan Roofing Co.

Graduate University of Louisville Bachelor of Science Commerce

Architectural Sales Representative Owens Corning Fiberglas Corp. 1978 to 1981:

I was responsible for the commercial built up asphaltic roofing and insulation products for the state of Kentucky. I received both in house technical training as well as a 1 week NRCA Roofing Industry Educational Institute low slope roofing training course. I assisted architects with the development of roofing specifications and details. I did technical training with contractors.

President Tri-State Roofing and Sheet Metal Company Lexington, KY: Project Mgr. 1981 to 1984, President 1984 to 2008:

I oversaw the entire administration and operations of a commercial roofing and sheet metal contracting business. When I left in 2008 we were a 7 million dollar business with about 60 employees performing new, reroofing, and repair and maintenance for commercial industrial public and private concerns. We performed both low and steep slope work with all materials except sprayed urethane foam. We performed work from architectural specifications as well as develop our own specifications. We did both reroofing and repair work on a long term basis for many clients in Kentucky including the following. The Lexington Airport, UPS at Standiford Field in Louisville, Toyota, Lexmark, The University of Kentucky, Bluegrass Army Depot, St Joseph Hospital, and The Fayette Mall. I received yearly technical training both in house and through the National Roofing Contractors Association and Roofing Consultants institute.

I helped form and was a past president of the Central Kentucky Roofing Contractors Association. I was on the steering committee for and am a board member of the Kentucky Roofing Contractors Association.

I am a past independent rep for: Soprema Inc (modified asphaltic roofing, pvc roofing, air barriers, and below grade waterproofing). Hunter Panels (polyisocyanurate foam insulation). Berridge Metals (metal roofing, siding, and soffits), Green Link (roofing supports for conduit, gas lines, solar and paver supports. I have also in the past represented Siplast (Modified Asphalt roofing products), Carlisle Syntec (epdm, tpo, and pvc roofing materials), USG Securerock (gypsum based cover boards).

I have a total of 44 years experience in the commercial industrial roofing and sheetmetal business.

T. Michelle Howlett, P.E., LEED AP President/Chief Electrical Engineer

Education

University of Kentucky, 1990
Bachelor of Science,
Electrical Engineering

Registration & Professional Affiliations

Professional Engineer - Electrical, KY #19856
Professional Engineer - Electrical, IN #19900067
Professional Engineer - Electrical, OH #63761
NFPA Member #2543563
LEED Accredited Professional

Experience and Qualifications

Ms. Howlett has over 31 years of experience as project manager and electrical engineer for a broad array of projects up to \$150M in scope. Ms. Howlett has experience with projects using design-bid-build, design-build, and construction management delivery methods. Ms. Howlett's technical areas of expertise include low and medium voltage power distribution, communications systems including fiber optic systems and wireless, fire alarm systems, power quality, security systems, closed circuit video, and indoor and outdoor lighting systems.

Relevant Project Experience

- **Fred M. Vinson Visitors Center, Louisa, KY** - Project manager for mechanical, electrical, plumbing and fire protection disciplines for the renovation of this historic property, funded through a grant from the Kentucky Heritage Council. The project included complete mechanical and electrical renovations.
- **Harrison-Hite Building Renovation, Russellville, KY** - Project Engineer for this project which involved the complete renovation of a two-story historical structure. Work includes multiple phases of construction, ultimately utilizing the entire building and incorporating new offices and meeting rooms, an auditorium and an elevator.
- **Miracle League Fields, Fairfield, OH** - Project Manager for electrical, HVAC, and plumbing design for new baseball fields designed for kids with physical handicaps. The project includes two new fields with sportslighting and state-of-the-art LED scoreboards. A new concession building includes kitchen, ADA restrooms, and mechanical spaces, as well as handicap accessible parking areas and ramping.
- **Allen County Extension Office, Scottsville, KY** - Project manager for mechanical, electrical, plumbing and fire protection disciplines for this renovation of an existing downtown storefront for use as the County Extension offices. The design included new HVAC, plumbing, lighting, power distribution, and communication systems for a large meeting room with demonstration kitchen, offices, and supporting spaces.
- **Athletics Recording Studio, University of Louisville, KY** - Electrical engineer for the renovation of approximately 7800 SF of existing space for use as the recording studio for the University of Louisville Athletics department. The design included new electrical service, lighting, power distribution, and communications systems design. The design was closely coordinated with the requirements for network servers, recording equipment, and studio lighting systems.

James L. Martin, P.E. Chief Mechanical Engineer

Education

University of Kentucky, 1977
Bachelor of Science,
Mechanical Engineering

Lain Technical Institute, 1966
Associate of Science,
Architectural Drafting

Registration & Professional Affiliations

Professional Engineer - Mechanical, KY #10384
Professional Engineer - Mechanical, IN #60900205
American Society of Heating, Refrigeration, & Air
Conditioning Engineers (ASHRAE)
National Society of Professional Engineers (NSPE)
Society of Fire Protection Engineers

Experience and Qualifications

Mr. Martin has over 40 years of experience with design of plumbing, medical gases, HVAC and fire suppression systems for new construction as well as renovations of existing facilities. Project types include multiple use facilities, schools, colleges and universities, government use buildings, corporate office buildings, housing projects, healthcare, research facilities, corrections facilities, industrial plants, high end residences and horse barns. Mr. Martin's experience includes design and construction supervision of a wide variety of HVAC systems including variable air volume, geothermal, heating and cooling central plant generating systems, facility condition surveys and energy performance studies. Mr. Martin acted as project manager and engineer in responsible charge for all of the following listed projects:

Relevant Project Experience

- **Miracle League Fields, Fairfield, OH** - Mechanical engineer responsible for HVAC and plumbing design for new baseball fields designed for kids with physical handicaps. The project includes two new baseball fields and a new concession building including kitchen, ADA restrooms, and mechanical spaces. The plumbing system is designed for winterizing, and also includes outdoor hydrants and provisions for misting systems in the dugouts.
- **Rowan County Art Museum, Morehead, KY** - Mechanical engineer for the renovation of the old courthouse to serve as an art museum. The design required careful routing and placement of new domestic water and fire suppression piping. HVAC system included vertical, exposed water source heat pump units.
- **New 200,000 SF Warehouse and Office Facility, Bluegrass Station, Avon, KY** - Mechanical engineer in charge of this new facility for the National Guard. The mechanical system includes seven packaged units with gas fired heat and DX cooling for office spaces, gas fired make-up air units for the warehouse, and ductless split systems for communications rooms. The fire protection design includes a wet pipe sprinkler system with exterior loop and multiple risers.
- **New Readiness Center, Burlington, KY** - Mechanical engineer for the Owner's Consulting Architect and Engineer team. The Readiness Center supports the 1204th Aviation Support Battalion and Company A 1204th Aviation Support Battalion units which have an authorized strength of 402 soldiers. The project includes a new 88,785 SF Readiness Center and the infrastructure to support the facility. The project is required to meet ARNG requirements, including anti-terrorism force protection, and is LEED Silver certified.

Allen Tucker, P.E., CDT Chief Mechanical Engineer

Education

Clemson University, 1984
Bachelor of Science,
Mechanical Engineering

Registration & Professional Affiliations

Professional Engineer - Mechanical, KY #20828

Experience and Qualifications

Mr. Tucker has over 35 years' experience as a mechanical engineer on a broad array of projects including municipal, educational, and commercial facilities. Mr. Tucker is proficient in the design of HVAC, plumbing and fire protection systems, through all phases of the project from planning through construction. Mr. Tucker has had extensive professional training in his areas of technical expertise, and is a Certified Documents Technologist.

Relevant Project Experience

- **Front Office Expansion, Corning Glass, Harrodsburg, KY-** Lead mechanical design engineer for a new office addition at an approximate construction cost of \$4 million. The design included tying into the existing chilled water system and employing VAV air handling units with CHW coils and DDC. Life cycle cost analysis (LCCA) was performed in the selection of the most appropriate equipment to serve the facility. Fire protection and plumbing were also included in the design.
- **Comprehend Medical Office Building, Maysville, KY -** Mechanical Engineer of record for the design of the new Comprehend Medical Office Building with an approximate construction cost of \$7 million. The design consisted of air cooled rooftop air conditioning, variable air volume terminals with reheat, and dedicated air conditioning for the computer room. Ductless split system air conditioning along with a dedicated outside air system were designed for the bottom below grade floor. Plumbing and fire suppression system design were also provided.
- **Frankfort Plant Board Administration Facility, Frankfort, KY -** Mechanical Engineer of record for the design of the new Administration Facility with an approximate construction cost of \$16 million. The design consisted of air cooled chilled water, gas fired heating hot water, air handling units, energy recovery unit, variable air volume terminals with hot water reheat, and dedicated air conditioning for the data room. Plumbing and fire suppression system design were also provided.
- **Facility Maintenance Building and Auxiliary Maintenance Buildings, Berea College, Berea, KY -** Mechanical Engineer of record for the design of the new Facility Maintenance and Auxiliary Maintenance Buildings with an approximate construction cost of \$6.5 million. The design consisted of air-cooled rooftop air conditioning with natural gas fired heat and variable air volume terminals with reheat. Ductless split system air conditioning was provided for the computer room and small offices. Exhaust fan ventilation and gas fired unit heaters were provided in the Auxiliary Maintenance bays. Plumbing and fire suppression system design were also provided.

Dmitriy Radyk Electrical Engineer

Education

University of Kentucky, 2010
Bachelor of Science,
Electrical Engineering

Experience and Qualifications

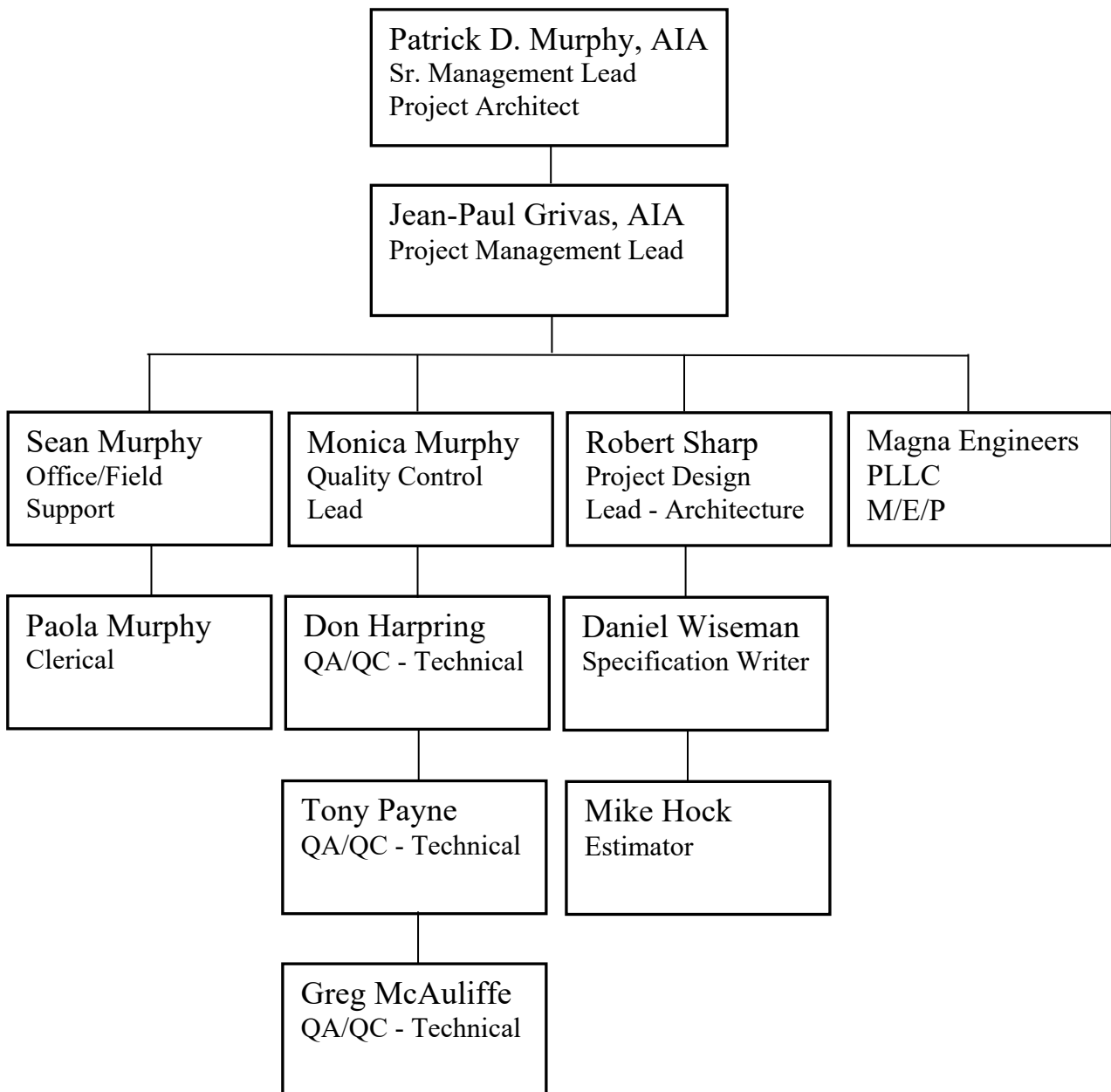
Mr. Radyk has over 13 years' experience designing electrical systems for various types of projects including wastewater treatment and collection facilities. Mr. Radyk has technical expertise in the following areas: low voltage power distribution, electrical service sizing, power analysis, indoor and outdoor lighting systems, lighting point-by-point photometric calculations, lightning protection systems, control systems, variable frequency drive systems, fire alarm systems, security systems, closed circuit video, standby/emergency power systems, and cost estimating.

Relevant Project Experience

- **New Family Life Center, Asbury Theological Seminary, Wilmore, KY** - Electrical engineer for electrical design for a new 10,000 SF facility which includes a multipurpose room, kitchen, offices, chapel, art room, and supporting spaces. The multipurpose room includes a stage with lighting and sound systems.
- **Windsor Memory Care Center, Mt. Sterling, KY** - Electrical engineer for a new 30 bed, 15,870 SF primary care facility. The design included lighting, power system including standby generator, nurse call, communications, and fire alarm systems.
- **Lake Cumberland State Park Lodge Renovation** - Electrical engineer for the renovation of the existing lodge including improvements to the dining, kitchen, and sleeping rooms.
- **Boone National Guard Center Fitness Center Renovation, Frankfort, KY** - Electrical engineer for the conversion of an existing hangar to a fully equipped fitness center. Electrical design includes LED lighting with daylight harvesting, new electrical service, fire alarm, and communication systems.
- **Miracle League Fields Park, Fairfield, OH** - Electrical Engineer for lighting and power design. Project included parking and sports lighting for two baseball fields, as well as power design and indoor lighting for public restrooms and kitchen and concessions.
- **Bluegrass Station Warehouse, Lexington, KY** - Electrical engineer for new electrical design and emergency generator for 220,000 SF facility. Building is divided into office and warehouse sections. Electrical design includes 1200A service and 800 kW diesel emergency generator with subbase fuel tank.
- **LFUCG HHW Facility** - Electrical engineer for reconversion of an existing truck wash facility into hazardous waste material storage facility classified as Class 1 Division 2 Group D hazardous location. Electrical design includes lighting, power, telephone, and fire alarm systems, leakage detection system, visitor notification system, provisions for CCTV system, and addition of standby generator.



PATRICK D. MURPHY COMPANY INC. ARCHITECTS ORGANIZATIONAL CHART



WBENC

WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

Magna Engineers, PLLC DBA Magna Engineers

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: August 31, 2011

Expiration Date: August 31, 2023

WBENC National Certification Number: 2005118816

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council Ohio River Valley, a WBENC Regional Partner Organization.



Authorized by Sheila Mixon, Executive Director
Women's Business Enterprise Council Ohio River
Valley

WBECORV
WOMEN'S BUSINESS ENTERPRISE COUNCIL
OHIO RIVER VALLEY

JOIN FORCES. SUCCEED TOGETHER.

NAICS: 541330, 238210, 541310
UNSPSC: 81100000, 81101600, 81101701



2h. Summary of Firms Recent Projects

- A. PROJECT NAME & LOCATION:
JCTC: TECH BUILDING 'A' & 'B'
LOUISVILLE, KENTUCKY

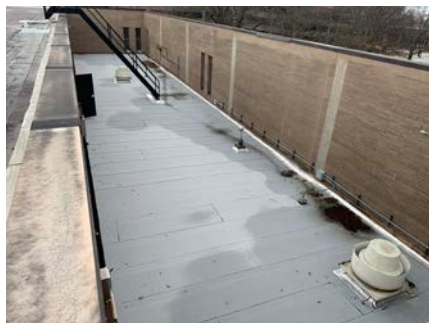
- B. BRIEF DESCRIPTION OF BUILDING
Technology Building 'A' and 'B'

- C. EXTENT OF SERVICE PROVIDED
Roof Replacement and Masonry Repairs
Roof System: Modified Bitumen
Roof Size: 75,685 SF

- D. OWNERS AND CONTACT PERSON
COMMONWEALTH OF KENTUCKY
Ms. Anne Saint-Aignan.
403 Wapping Street
Lexington, KY 40601

- E. START AND COMPLETION DATES
Start Date: November 2018
Completion Date: November 2019

- F. Design Consultants Estimate \$ 1,060,000.00
Original Construction Contract..... \$ 983,877.00
Total all change orders..... \$ 52,776.00
Final Contract Amount..... \$ 1,036,653.00



Tech 'A' - Roof



Tech 'B' - Roof



Tech 'A' - Masonry



Tech 'B' - Roof

- A. PROJECT NAME & LOCATION:
GENERAL BUTLER STATE PARK
LODGE COMPLEX (Roof Replacements)
CARROLLTON, KENTUCKY
- B. BRIEF DESCRIPTION OF BUILDING
 Lodge
- C. EXTENT OF SERVICE PROVIDED
 2-Ply Modified Bitumen and Metal Panel Roof Replacements, Existing Copper
 Gutter Repairs and Misc. Wood Siding Repairs/Replacements.
- D. OWNERS AND CONTACT PERSON
 COMMONWEALTH OF KENTUCKY
 Mr. Joseph Sandman
 403 Wapping St.
 Frankfort, KY
 Phone: (502) 545-9573
- E. START AND COMPLETION DATES
 Start Date: September 2017
 Projected Completion Date: July 2018
- F. Design Consultants Estimate\$469,000.00
 Original Const. Contract.....\$441,000.00
 Final Contract amount.....\$449,547.72



Lodge



Lodge



Lodge



Lodge

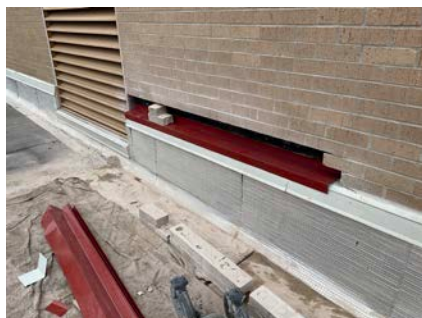
- A. PROJECT NAME & LOCATION:
ELIZABETHTOWN COMMUNITY AND TECHNICAL COLLEGE
ELIZABETHTOWN, KENTUCKY
- B. BRIEF DESCRIPTION OF BUILDING
 OTB100: Roof Overlay / RPC & ATB Roof Repairs
- C. EXTENT OF SERVICE PROVIDED
 SBS Roof Overlay (OTB 100) Roof & Masonry Leak Repairs (RPC & ATB)
 Roof Systems: 2-Ply SBS- Modified Roofing
 Roof Size: 16,315 sf
- D. OWNERS AND CONTACT PERSON
 COMMONWEALTH OF KENTUCKY
 Mr. Bill Novak
 403 Wapping St.
 Frankfort, KY
 Phone: (502) 382-8680
 E-mail: Bill.Novak@ky.gov
- E. START AND COMPLETION DATES
 Start Date: October 2021
 Completion Date: May 2022
- F. Design Consultants Estimate \$ 395,000.00
 Original Construction Contract..... \$ 317,360.00
 Total All Change Orders..... \$ 93,452.00 (Added Scope)
 Final Contract amount..... \$ 410,812.00



OTB 100



OTB 100



RPC – Masonry Repairs



ATB – Roof Repairs

- A. PROJECT NAME & LOCATION:
JENNY WILEY STATE RESORT PARK
CONFERENCE CENTER (Roof & Siding Replacements)
PRESTONSBURG, KENTUCKY

- B. BRIEF DESCRIPTION OF BUILDING
 Jenny Wiley: Conference Center (Roof & Siding Replacements)

- C. EXTENT OF SERVICE PROVIDED
 Roof & Siding Replacements
 Roof Systems: SBS Modified Bitumen & Asphalt Shingles
 Roof Size (Total): 19,150 SF

- D. OWNERS AND CONTACT PERSON
 COMMONWEALTH OF KENTUCKY
 Mr. Carl Kratzer
 403 Wapping Street
 Lexington, KY 40601

- E. START AND COMPLETION DATES
 Start Date: December 2019
 Projected Completion Date: August 2020

- F. Design Consultants Estimate \$ 391,500.00
 Original Construction Contract..... \$ 299,000.00
 Total All Change Orders..... \$ 38,874.49
 Final Contract Amount..... \$ 333,874.00



Conference Center



Conference Center



Conference Center



Conference Center

- A. PROJECT NAME & LOCATION:
CENTRAL STATE HOSPITAL
ACTIVITIES and FLEUR Di LIS (Roof Replacements)
LOUISVILLE, KENTUCKY
- B. BRIEF DESCRIPTION OF BUILDING
 Central State Hospital: Activities and Fleur Di Lis (Roof Replacements)
- C. EXTENT OF SERVICE PROVIDED
 Roof Replacements and Masonry Repairs
 Roof Systems: Modified Bitumen and Shingles
 Roof Size (Total): 16,400 SF
- D. OWNERS AND CONTACT PERSON
 COMMONWEALTH OF KENTUCKY
 Mrs. Anne Muller
 403 Wapping Street
 Lexington, KY 40601
- E. START AND COMPLETION DATES
 Start Date: October 2018
 Projected Completion Date: April 2019
- F. Design Consultants Estimate \$ 331,600.00
 Original Construction Contract..... \$ 280,600.00
 Total All Change Orders..... \$ 0.00
 Final Contract Amount..... \$ 280,600.00



Activities Building



Fleur Di Lis Building



Activities Building



Activities Building

- A. PROJECT NAME & LOCATION:
***GATEWAY COMMUNITY AND TECHNICAL COLLEGE
COVINGTON, KENTUCKY***

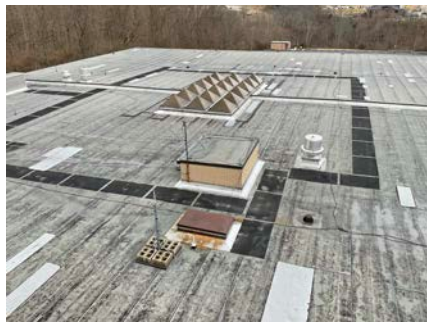
- B. BRIEF DESCRIPTION OF BUILDING
Edgewood & Fort Wright Campus Roof Repairs

- C. EXTENT OF SERVICE PROVIDED
Misc. Roof Repairs & New Metal Roof Coating
Roof Systems: 2-Ply SBS- Modified Roofing & Metal Roof Coating
Roof Size: 25,300 sf

- D. OWNERS AND CONTACT PERSON
COMMONWEALTH OF KENTUCKY
Mr. Carl Kratzer
403 Wapping St.
Frankfort, KY
Phone: (502) 330-7180
E-mail: Carl.Kratzer@ky.gov

- E. START AND COMPLETION DATES
Start Date: November 2021
Completion Date: March 2022

- F. Design Consultants Estimate \$ 143,500.00
Original Construction Contract..... \$ 170,000.00
Total All Change Orders..... \$ 0.00
Final Contract amount..... \$ 170,000.00



Edgewood



Edgewood



Ft. Wright – Transportation Tech



Ft. Wright – Transportation

- A. PROJECT NAME & LOCATION:
STEEPLECHASE OFFICE PARK (Roof Replacements)
LOUISVILLE, KENTUCKY
- B. BRIEF DESCRIPTION OF BUILDING
Office Building
- C. EXTENT OF SERVICE PROVIDED
PVC Roof Replacements & Window Repairs
- D. OWNERS AND CONTACT PERSON
CUSHMAN-WAKEFIELD
Mr. Rob Rogers
303 N. Hurstbourne Pkwy, Suite 115
Louisville, KY
Phone: (502) 384-4494, x 163
- E. START AND COMPLETION DATES
Start Date: May 2019
Projected Completion Date: August 2019
- F. Design Consultants Estimate\$315,000.00
Original Const. Contract.....\$306,090.00
Final Contract amount.....\$315,222.00



Steeplechase



Steeplechase



Steeplechase



Steeplechase

- A. PROJECT NAME & LOCATION:
***KEC: WEST WING, WEST HALL & PAVILION
LOUISVILLE, KENTUCKY***

- B. BRIEF DESCRIPTION OF BUILDING
West Wing, West Hall and Pavilion

- C. EXTENT OF SERVICE PROVIDED
Roof Overlay, Metal Roof Replacement, Metal Wall Replacement
Roof System: Modified Bitumen
Roof Size: 227,600 SF

- D. OWNERS AND CONTACT PERSON
COMMONWEALTH OF KENTUCKY
Mrs. Anne Muller
403 Wapping Street
Lexington, KY 40601

- E. START AND COMPLETION DATES
Start Date: April 2018
Projected Completion Date: June 2020

- F. Design Consultants Estimate\$3,121,500.00
Original Construction Contract.....\$2,593,000.00
Final Contract Amount.....\$2,768,945.00



West Hall



West Wing



West Hall

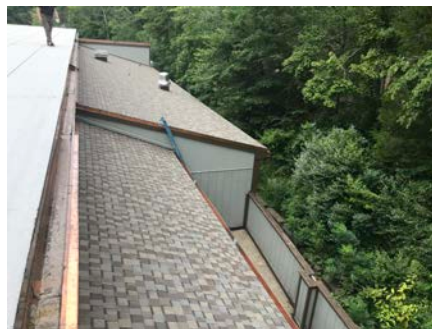


West Wing & Pavilion

- A. PROJECT NAME & LOCATION:
KENTUCKY DEPARTMENT OF PARKS (EAST)
MULTIPLE ROOF REPAIRS
VARIOUS LOCATIONS, KY
- B. BRIEF DESCRIPTION OF BUILDING
 Building Roof Analysis & Roof Replacements
 - Phase I (5 Bldg. Roof Replacements): Greenbo Lodge, Carter Caves Lodge, Jenny Wiley Conference Center , EP Sawyer Activities Building, General Butler Conference Center.
 - Phase II (5 Bldg. Roof Replacements): Jenny Wiley Pines Building, Kincaid Lake Multipurpose Bldg., Ft. Boonesboro Flat Roofs, Burnside Bath House, Pine Mountain Meeting Facility
- C. EXTENT OF SERVICE PROVIDED
 Complete architectural services for re-roofing of buildings with SBS Modified Bitumen & Asphalt Shingles. The Project included total removal and replacement of low sloped and steep sloped roofs.
 Roof Sizes (Total): 101,350 sf (Phase I) / 19,540 sf (Phase II)
- D. OWNERS AND CONTACT PERSON
 Commonwealth of Kentucky
 Mr. Carl Kratzer
 403 Wapping St.
 Frankfort, KY
 Phone: (502) 330-7180
 E-mail: carl.kratzer@ky.gov
- E. START AND COMPLETION DATES
 Start Date: Varies [1st contract began August 2019]
 Completion Date: Varies (All Phase I projects complete; Phase II Jenny Wiley Pines Building & Pine Mountain Meeting facility are complete) [All other Phase II projects contingent on financing, Phase 'A's submitted]
- F. Design Consultants Estimate \$1,908,000.00 (Phase I) / \$ 230,000.00 (Phase II)
 Original Construction Contract..... \$1,393,712.60 (Phase I) / \$ 237,116.00 (Phase II)
 Total all Change Orders..... \$ 341,605.44 (Phase I) / \$ -7,767.00 (Phase II)
 Final Contract amount..... \$1,735,318.04 (Phase I) / \$ 229,349.00 (Phase II)



Greenbo Lodge



Jenny Wiley - Conf Ctr

- A. PROJECT NAME & LOCATION:
KENTUCKY DEPARTMENT OF PARKS (WEST)
MULTIPLE ROOF REPAIRS
VARIOUS LOCATIONS, KY
- B. BRIEF DESCRIPTION OF BUILDING
 Building Roof Analysis & Roof Replacements
 - Phase I (5 Bldg Roof Replacements) : Lake Barkley Lodge, Lake Barkley Guestrooms, Dale Hollow Lodge Complex, Kenlake Lodge
 - Phase II (4 Bldg Roof Replacements): Columbus-Belmont Conference Center, JJ Audubon Nature Museum, Lake Barkley Indoor Pool, Lake Barkley Little River Lodge
- C. EXTENT OF SERVICE PROVIDED
 Complete architectural services for re-roofing of buildings with SBS Modified Bitumen & Asphalt Shingles. The Project included total removal and replacement of low sloped and steep sloped roofs.
 Roof Sizes (Total): 233,960 sf (Phase I) / 21,380 sf (Phase II)
- D. OWNERS AND CONTACT PERSON
 Commonwealth of Kentucky
 Mr. Dwayne Brown
 403 Wapping St.
 Frankfort, KY
 Phone: (270) 210-0253
 E-mail: dwayne.brown@ky.gov
- E. START AND COMPLETION DATES
 Start Date: Varies [1st Contract Began August 2019]
 Completion Date: Varies (All Phase I projects complete, exceptions are Lake Barkley Lodge & Guestrooms which have been placed on hold.) [Phase II projects contingent on financing, Phase 'A's submitted] [*Estimates do not include L.B. Lodge and Guestrooms: Lodge Estimate = \$2,184,000.00/ Guest Rooms = \$ 1,511,000.00*]
- F. Design Consultants Estimate \$1,176,000.00 (Phase I) / \$ 836,250.00 (Phase II)
 Original Construction Contract..... \$ 880,590.00 (Phase I) / Not Applicable
 Total all Change Orders..... \$ 7,386.45 (Phase I) / Not Applicable
 Final Contract amount..... \$ 887,976.45 (Phase I) / Not Applicable



Kenlake Lodge



Dale Hollow Lodge

Asbury Family Life Center Wilmore, Kentucky

Owner

Asbury Theological Seminary
Kalas Village
Wilmore, KY 40390

Project Scope

\$1,000,000

Project Status

Completed 2014

Project Description

Magna provided electrical and mechanical design services for this new 10,000 square foot facility for Asbury Seminary. The facility includes a multipurpose room with stage, designed to seat approximately 150 people, kitchen facilities, art room, childrens' play area, chapel, and supporting spaces. Outdoor areas include a covered patio, pavillion, and play area with grade-mounted fountain heads.



The facility includes a geothermal heating and cooling system. Plumbing is designed to accommodate the kitchen, restrooms, outdoor play area, and limited area sprinkler system. The lighting system includes architectural recessed indoor fixtures, cove lighting, stage lighting with manual controls, and decorative lighting for the chapel. Exterior lighting is LED.

Magna also provided design services to accommodate the site utilities, including water, sanitary, electrical, and communication services, which are underground to the building.



Boone National Guard Center Fitness Center Frankfort, Kentucky

Owner

Department of Facilities and Contract Administration
403 Wapping Street
Frankfort, KY 40601
(502) 564-3155
POC: Mr. Bernard Engelman

Project Scope

\$1,100,000

Project Status

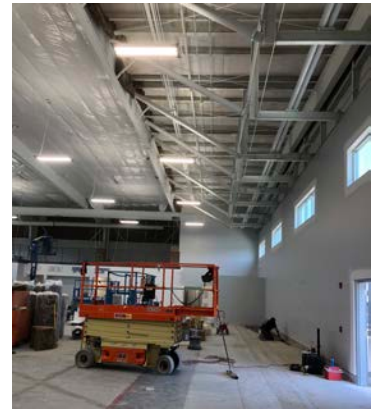
Under Construction

Project Description

Magna is providing mechanical, electrical, and plumbing design services for this renovation project. The existing pre-engineered metal building is 10,560 square feet and is used as an aircraft hangar. The building will be converted to a fully functioning gym with cardio and selectorized equipment areas, free weights, open gym area, and locker rooms.

The plumbing design includes replacement and addition of plumbing fixtures to accommodate the design occupancy. Water and sanitary piping will be extended as required, and new gas water heater added.

The HVAC design includes a 30 ton split system with gas fired furnace and outdoor condensing unit. Outside air is provided as required, and an economizer is specified to introduce up to 100% fresh air to the air handler using differential enthalpy sensor controls.



The electrical design includes replacement of interior lighting with high bay LED fixtures in large open areas and lensed troffers in areas with dropped ceilings. Occupancy and daylight sensors will be used for automatic control. Exterior lighting will be replaced with LED, cutoff type, controlled by photocell. The electrical service will be upgraded as required for new loads, and receptacles throughout will be replaced and added to accommodate equipment. An existing photovoltaic system will remain, and be reconnected to the new power system.

Communications infrastructure will be added to include communications outlets for equipment and for convenience. The cabling will be terminated at a patch panel, and a service conduit installed to existing campus communications infrastructure outside the building. An existing closed circuit video system will be re-arranged to accommodate the new building layout. The existing fire alarm system will be expanded to meet current code requirements.

Miracle League Fields Fairfield, Ohio

Owner

Joe Nuxhall Miracle League Fields
c/o Fairfield Community Foundation
5350 Pleasant Avenue
Fairfield, Ohio 45014
Betsy Hope, Director
(513) 829-6355

Project Scope

\$2,500,000

Project Status

Completed 2012

Project Description

Magna Engineers served as the mechanical and electrical engineer for the Joe Nuxhall Miracle League Fields, a two-field complex suitable for tournament play. The facility is designed specifically for disabled children. Plans are also underway to allow use from other groups such as local disabled veterans and seniors' groups. The site will accommodate future expansion, including both a fully handicapped-accessible playground for younger children and additional Miracle League fields.



The complex includes:

- Two rubberized softball fields. These fields are made of a durable, spongy, painted rubber surface that will allow wheelchair-bound individuals or individuals with trouble walking to play safely.
- State-of-the-art handicapped-accessible restrooms
- Level parking lot with an abundance of handicapped-accessible parking and level sidewalks and ramps connecting each of the ball fields
- Ground-level, covered dugouts
- Electronic scoreboards
- A pavilion that housing a concession stand, equipment storage and a press box
- Stadium-style seating for spectators
- Sportlighting for the fields
- LED parking lot and flagpole lighting

2i. Conflict of Interest Statement

CONFLICT OF INTEREST STATEMENT

We have no conflicts of interest to disclose.

All project team members declare that they have no conflicts of interest.

2j. Design Approach

PROJECT APPROACH

ROOF ASSESSMENT

Before our team can begin proposing roof solutions, we must first determine the PROBLEMS through our comprehensive Roof Assessment. Our Team schedules a series of site visits to document the conditions of the existing roofs including, but not limited to, the following NOTE: We have compiled a comprehensive checklist of 47 items that are included in our assessments...the following are some of the major items.

- Water management and roof drainage system
- Roof deck type and material
- Core samples of roof to determine roof makeup and slope
- Moisture content testing (Note: We have in-house infrared and moisture testing equipment)
- Asbestos tests
- Roof plan dimension verification
- Details of construction
- Existing condition photography
- Membrane condition including ridges, blisters, pitch pockets, etc.
- Wall and curb flashing condition
- Parapet conditions
- Rooftop mounted equipment
- Plumbing stack, heat stack, and electrical conduit penetrations
- Lightning protection attachment
- Historical review
- Thermal insulation value
- Wind uplift observations and ratings

ROOF ASSESSMENT REPORT FORMAT

Part 1: Executive Summary

- This summary clearly identifies from a “10,000 ft.” elevation what was assessed, what major items were found, and what recommended solutions and budgets are being proposed.

Part 2: Existing Facility Roof Plans

- Drawn to scale with equipment, roof projections, lightning protection, drainage, and all other rooftop items located.
- Our Team field measures and verifies every detail.

Part 3: Condition Reports

- Ranking and rating of each roof area and every aspect of the roof system.
- The Condition Report goes into great detail on the findings from the field observations and as broken down by each roof area on the building.

Part 4: Existing Condition Photographs

- Itemized and captioned by each roof area on the building and a condition report ranking of each roof area to easily identify where the photo is taken and what the photo is showing.

Part 5: Recommended Solutions & Budgets

- Based on our findings and the needs/constraints of the Owner, our Team compiles detailed work scopes, life cycle projections, Return on Investment calculations, and line-item estimates for recommended solutions that include:
 - Short Range Solutions: Immediate roof repair items.
 - Mid Range Solutions: Solutions to increase the remaining useful life of your current roof system included but not limited to roof recovery, coatings, and Roof Management Programs.
 - Roof Management Program consists of Periodic Roof Inspections, Preventative Maintenance, and Emergency Repair.
 - Long Range Solutions: Long-term and cost effective roof solutions.

ROOF CONSULTING

Once the Roof Assessment Report has been submitted and a course of action has been determined by the owner, our Team will begin working on the final design and Construction Documents. Our field investigation, drawings, construction details, and specifications are unmatched in the arena of roof consulting. An overview of our methodology is as follows:

- **Programming:** We work closely with the Owner to uncover all data and conditions. We work closely with the Owner to understand their goals, needs, and any additional useful information.
- **Roof Assessment:** As outlined in detail above, our Team coordinates an in-depth onsite field analysis of existing roof conditions and construction details and creates a proven Five Part Report.
- **Preliminary Roof Concepts & Design:** Our Team will review with the Owners multiple long-term, cost effective solutions. We review construction budgeting and return on investment (including initial cost, life cycle costs, and maintenance costs).
- **Budgeting:** We compile line-item construction cost budgeting (including materials, labor, overhead, markup, equipment, and OSHA safety).
- **Construction Documents:** Based on the above gathered information, our Team develops detailed roof plans and construction details drawn to scale. We show each of the various roof area designations and height differences. We also show the determined set-up areas, contractor parking, and storage areas on the Overall Site Plan. The scrupulous amount of detail contained in our Construction Documents helps to mitigate the request for Change Orders and time delays.
- **Technical Specifications:** Our Team goes into great detail to research technical performance specifications, include thorough bidding requirements, clearly coordinated contract terms and conditions, and integration of all specification items with the drawings.
- **Warranty Review:** Our Team researches each manufacturer's warranty program and schedules a conference with the Owner for full review.
- **Pre-Bid Conference:** Our Team will coordinate this meeting to review with all prospective contractors the site conditions and restrictions, set-up and staging areas, material storage, and Owner's criteria. We will thoroughly review the

project scope of work, site limitations, and determine a deadline in which questions must be submitted.

- **Bidding Assistance:** We will work with the Owner to coordinate an Invitation to Bid and Bid Forms, and we will assist in any written addenda during the bid process to clarify any questions. Once the bids have been submitted, we work closely with the Owner to review and evaluate. As both Architects and Roofing Contractors, we are in a unique position to be able to work closely with numerous contractors around the region and can make confident recommendations as to their quality and construction expertise.
- **Pre-Construction Conference:** Once the contractor has been awarded a contract, we will assist and help coordinate the initial meeting with all parties, trades, and manufacturers representatives involved in the project. This meeting will review all on-site requirements, safety, communication, storage, and material submittals. We have developed a thorough checklist of items to be covered during the Pre-Construction Meeting based on years of roof experience.
- **Construction Administration:** Our office specifies that daily reports and photographs are to be submitted by the contractor of all work being performed during the workday. Our office can perform periodic site visits or full-time (added cost) construction observation to verify conformity with the contract documents and will submit a detailed report with photographs to all parties. We will evaluate requests for payment, and review and resolve any issues found in the field.
- **Progress Meetings:** These meetings will be coordinated by our office with all involved parties and shall be scheduled regularly throughout construction to address and resolve any issues, review the progress schedule, and trade coordination. We have a format that we have developed over the years to organize, record, and distribute reviews of each meeting in a timely fashion.
- **Construction Project Closeout:** Upon Substantial Completion, we will come onsite to perform our comprehensive review of items to be repaired (punch list), as well as have the contractor coordinate for the Manufacturer's Technical Inspector to come on-site and perform their own, independent punch review. Upon Final Completion, our office will come back on-site to closeout all open punch list items once we have verified their repair. Our Office will compile and deliver to the Owner at the closeout of the job a binder containing all reports and documents including meeting reviews, progressive photographs, maintenance manuals, and warranty programs.

EXAMPLE OF BUDGETING CAPABILITIES

EXAMPLE OF ESTIMATE BASED ON THEORETICAL 100 SQUARE JOB

MATERIALS

Insulation, Isocyanurate 1"	100 sq x \$26.00/sq	= \$ 2,600.00
Insulation, Perlite 1"	100 sq x 22.00/sq	= 2,200.00
Vapor barrier	20 rl x 18.00/rl	= 360.00
Asphalt	290 ct x 10.00/ct	= 2,900.00
Type IV Fiberglass felt 4 ply	85 rl x 18.00/rl	= 1,530.00
Cant strip	400 lf x .25/lf	= 100.00
Termination bar & fasteners	400 lf x .50/lf	= 200.00
Flashing Cement	12 pl x 15.00/pl	= 180.00
Base flashing 18"	14 rl x 22.00/rl	= 308.00
Fiberglass mesh	3 rl x 15.00/rl	= 45.00
Plumbing leads	3 pl x 25.00/pl	= 75.00
Drain leads	4 dl x 30.00/dl	= 120.00
Wood nailer	400 lf x .50/lf	= 200.00
Gravel surface	23 tn x 18.00/tn	= <u>414.00</u>
MATERIAL TOTAL		= \$11,232.00

Material Total includes tax and shipping cost.

LABOR (Man Hours)

Job set up	= 30
Tear off and haul	= 250
Lay vapor barrier	= 35
Lay 2 layer insulation	= 55
Lay 4 ply felt	= 150
Set cant strip and flash perimeter	= 45
Termination bar @ perimeter	= 20
Miscellaneous projections	= 5
Gravel surface	= 95
Clean up	= <u>25</u>
TOTAL MAN HOURS	= 710
X \$30.00/man hour	<u>x 30</u>
TOTAL COST FOR LABOR	= \$21,300.00

Labor Total includes benefits/insurance/workman's comp., etc.

TOTALS SHEET

Materials	= \$11,232.00
Labor	= <u>21,300.00</u>
Sub Total	= 32,532.00
Overhead	= x <u>1.15</u>
Sub Total	= 37,411.80
Sheetmetal & perimeter metal counter flashing	= 2,600.00
Dumpsters	= 1,600.00
Truck expenses	= 750.00
Crane rental	= 720.00
Warranty	= 1,500.00
Bid bond and Performance bond	= <u>885.00</u>
Final Bid Price Total	= \$45,466.80

2k. Firm Workload

PATRICK D. MURPHY CO., INC. ARCHITECTS
Ability to Meet Schedule

The majority of Patrick D. Murphy Co., Inc. Architects projects are in the bidding or construction Phase. The remaining projects that are under design are 30 days from being completed and sent out to bid. We currently have personnel availability to begin work on this project immediately.

We have previously been awarded multi-building projects for State of KY Parks, Kentucky School for the Deaf & School for the Blind & Kentucky State University that had strict design and construction deadlines due to funding restrictions. We were able to meet, and in some instances, exceed the Design Phase parameters to get projects out to bid on-time and within budget.

We have an impeccable track record when it comes to design phase & construction administration performance.

21. References

References from Similar Projects

Name of Project: JCTC: Tech Buildings 'A' & 'B'

Address of Project: Jefferson Community & Technical College

727 W. Chestnut Street

Louisville, KY 40203

Date Project Completed: November 2019

Construction Amount: \$1,036,653.00

Current Contact Person and Phone Number: Mrs. Anne Muller (502) 656-5906

Name of Project: Kentucky Department of Parks (East)

Address of Project: Various Locations

Eastern KY

Date Project Completed: Varies / In-Progress

Construction Amount: \$1,735,318.00

Current Contact Person and Phone Number: Carl Kratzer (502) 330-7180

Name of Project: Kentucky Department of Parks (West)

Address of Project: Various Locations

Western KY

Date Project Completed: Varies / In-Progress

Construction Amount: \$887,976.45

Current Contact Person and Phone Number: Dwayne Brown (502) 782-0315

Name of Project: Kentucky State University: Exum Ctr / Carver Hall / Blazer Library

Address of Project: Kentucky State University

400 E. Main Street

Frankfort, KY

Date Project Completed: In-Progress

Construction Amount: Exum - \$2,048,000.00 / Carver - \$777,000.00 / Blazer - \$480,300.00

Current Contact Person and Phone Number: Mrs. Donna Farmer (502) 330-8603

5. Work Plan

WORK PLAN

Patrick D. Murphy Co., Inc., Architects will complete the work described in this RFP as follows:

1. Checklist of Deliverables:

a. **Schematic Design**

- i. Architect's Services (Jean-Paul Grivas)
 - 1. Client-supplied Data Coordination
 - 2. Program and Budget Evaluation
 - 3. Review of Alternative Design Approaches
 - 4. Architectural Schematic Design
 - 5. Schematic Design Drawings and Documents
 - 6. Statement of Probable Construction Costs
 - 7. Client Consultation
 - 8. Project Management
 - 9. Agency Consultation
- ii. Consultants' Services (Michelle Howlett)
 - 1. Plumbing Concepts
 - 2. Statements of Probable Costs

b. **Design Development**

- i. Architect's Services (Jean-Paul Grivas)
 - 1. Client-supplied Data Coordination
 - 2. Design Coordination
 - 3. Architectural Design Development
 - 4. Design Development Drawings and Documents
 - 5. Statement of Probable Construction Costs
 - 6. Client Consultation
 - 7. Project Management
 - 8. Agency Consultation
- ii. Consultants' Services (Michelle Howlett)
 - 1. Plumbing Design Development
 - 2. Statements of Probable Costs

c. **Construction Documents**

- i. Architect's Services (Jean-Paul Grivas)
 - 1. Client-supplied Data Coordination
 - 2. Project Coordination
 - 3. Architectural Construction Documents (Working Drawings, Form of Construction Contract and Specifications)
 - 4. Document Checking and Coordination
 - 5. Statement of Probable Construction Costs
 - 6. Client Consultation
 - 7. Alternative Bid Details and Special Bid Documents
 - 8. Project Management
 - 9. Agency Consultation

ii. Consultants' Services (Michelle Howlett)

1. Plumbing Construction Documents
2. Statements of Probable Costs

2. Budget & Schedule

a. **Design Stage**

- | | |
|-----------------------------------|--|
| i. Schematic Design Phase | \$ 8,400.00 (14%) [April 11, 2023] |
| ii. Design Development Phase | \$ 18,000.00 (30%) [May 16, 2023] |
| iii. Construction Documents Phase | \$ 12,600.00 (21%) [June 20, 2023] |
| iv. Bid Phase | \$ 3,000.00 (5%) [July 6 & August 8, 2023] |

b. **Construction Administration Stage**

- | | |
|--------------------------------|--|
| i. Construction Administration | \$ 18,000.00 (30%) [Sept. 12, 2023 – April 30, 2024] |
|--------------------------------|--|

c. **TOTAL A/E Services** **\$ 60,000.00 (100%)**

3. Communication/ Documentation & Collaboration Plan

- a. Patrick D. Murphy Co., Inc., Architects (PDMA) will work in a team approach with Magna Engineers. Project team leaders from PDMA & Magna will collaborate on a weekly basis, minimum, throughout the design and construction phases to ensure a comprehensive and through set of Construction Documents and Probable Cost Estimates.
- b. Communication will be via e-mail, phone & shared cloud storage files.

4. QA/ QC Program between Disciplines:

- a. We utilize our proprietary in-house checklist for Quality Control and Coordination between Consultants, Specifications and Drawings.
- b. Quality Control reviews of Consultant's project documents occurs prior to each design milestone. This is performed by the lead designer in our office.
- c. Quality Assurance occurs between PDMA and our consultants throughout the course of the project during design and at each design milestone.

5. QA/ QC Program during Design and through Construction Administration: (See Attachment)

- a. We utilize our proprietary in-house checklist for Quality Control and Coordination between Consultants, Specifications and Drawings.
- b. Quality Control reviews of project documents occurs prior to each design milestone. This is performed by a review of the documents by a separate designer/ contractor in our office.
- c. Quality Assurance occurs throughout the course of the project by the design professional and support staff that has been assigned to the project
- d. Periodic site visits will occur to confirm construction details, and design intent, are being followed by the awarded contractor. Construction Progress is documented and any deviations from the Construction Documents are noted and called out.

QUALITY ASSURANCE/QUALITY CONTROL

Scope Verification Meeting	Existing Roof Observation Report	50% Plan Review Meeting	95% Plan Review Meeting	Omissions and Errors Check Meeting	Final Package Submittal
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BID/CONSTRUCTION QA/QC

Pre-Bid Meeting	Bid Review	Pre- Construction Meeting	Construction Meetings	Project Close-Out
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DESIGN PRE-CONSTRUCTION QA/QC LIST

YES	NO	N/A	SCOPE VERIFICATION MEETING
			All drawings are correct size.
			All drawings have been prepared with the required CAD software.
			Project tiles are correct and consistent for all documents.
			Prescribed title blocks have been used.
			Line weights are correct.
			Text size and font style are correct
			Graphic scales are shown.
			Drawing numbering system is correct format.
			Specifications are in the correct format.
			Drawing sealed by Engineer of Record

YES	NO	N/A	EXISTING SITE OBSERVATIONS REPORT
			Proposed systems and processes meet the stated performance objectives.
			Design reflects the most effective solution to meeting the design criteria.
			Owner directions from previous meetings & reviews were incorporated.
			Design has been analyzed for problematic secondary effects.
			Level of complexity of the design is appropriate
			Operating staffing level is appropriate.
			Lessons learned are incorporated.
			All existing conditions are shown and field-verified for accuracy.
			Design is appropriate for chosen equipment methodology.

YES	NO	N/A	50% AND 95% PLAN REVIEW MEETINGS
			Physical drawings agree with diagrammatic drawings.
			General arrangement drawings are consistent across disciplines.
			Plan views are consistent within disciplines & consistently oriented.
			Plan drawings are to a consistent scale.
			Sectional views are oriented consistently & sectional references are clear.
			Drawn elements are consistent across match lines.
			Technical specifications are complete & accordance with standards.
			Specification requirements are explicit where required.
			Functional and performance-based specifications are used as appropriate.
			Preferred vendors are listed appropriately to optimize competition.

YES	NO	N/A	OMISSIONS AND ERRORS CHECK MEETINGS
			Verify the plan/proposal (construction documents) are 100% complete.
			Review cost/schedule of project; compare to approved programming document
			Proposed site affords sufficient access for equipment.
			Conventional equipment may be used for lifting and placement operations.
			Site is Amendable for Multiple Contractor Access if Applicable.
			Proposed construction sequence is described & all disciplines understood.
			Ensure all recommendations are incorporated into plan/proposal.

YES	NO	N/A	BID REVIEW
			Unit cost review.
			Addendum(s) recognized.
			Bid bond.
			Payment and performance bond.
			Insurance.
			Manufacturers' approval letter.
			Review references.
			Submit contractor approval letter

YES	NO	N/A	PRE-CONSTRUCTION MEETING
			Review owner/site requirements.
			Emergency call list.
			Hours of operation.
			Final setup areas. (staging and material storage)
			Schedule of values.
			Construction schedule
			Submittals (materials & shop drawings)
			Pre-construction photos.
			Testing of existing drainage.

YES	NO	N/A	CONSTRUCTION ADMINISTRATION
			Progress meetings. (Minimum of one per month)
			Periodic construction observations. (Minimum of two per month)
			Schedule monitoring.
			Pay application review.
			Weather data.
			Daily construction photographs & reports.
			Change orders.
			RFI's.
			Substantial completion punch review & report.

YES	NO	N/A	PROJECT CLOSE OUT
			Final pay request review.
			Release of retainage.
			Punch list completion verification.
			Final lien release/affidavit.
			Warranty delivery. (20-Yr. manufacturer & 2-Yr. contractor).
			Release of payment and performance bond (consent of surety).
			Record drawings.

A. Affidavit

AFFIDAVIT

Comes the Affiant, Jean-Paul Grivas, and after being first duly sworn, states under penalty of perjury as follows:

1. His/her name is Jean-Paul Grivas and he/she is the individual submitting the proposal or is the authorized representative of Patrick D. Murphy Co., Inc., Architects, the entity submitting the proposal (hereinafter referred to as "Proposer").

2. Proposer will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the proposal is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.

3. Proposer will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.

4. Proposer has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.

5. Proposer has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Proposer will not violate any provision of the campaign finance laws of the Commonwealth.

6. Proposer has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."

Continued on next page

7. Proposer acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught.

Jean-Paul Grivas

STATE OF Kentucky

COUNTY OF Jefferson

The foregoing instrument was subscribed, sworn to and acknowledged before me

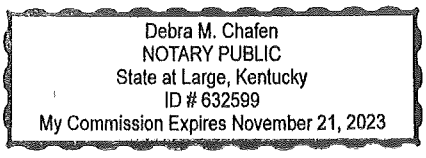
by JEAN PAUL GRIVAS on this the 1ST day

of February, 2023.

My Commission expires: 11-21-2023

Debra M. Chafen

NOTARY PUBLIC, STATE AT LARGE



B. American Rescue Plan Act (Amendment 1)

AMERICAN RESCUE PLAN ACT

AMENDMENT 1 — CERTIFICATION OF COMPLIANCE FOR EXPENDITURES USING FEDERAL FUNDS, INCLUDING THE AMERICAN RESCUE PLAN ACT

The Lexington-Fayette Urban County Government (“LFUCG”) may use Federal funding to pay for the goods and/or services that are the subject matter of this bid. That Federal funding may include funds received by LFUCG under the American Rescue Plan Act of 2021. Expenditures using Federal funds require evidence of the contractor’s compliance with Federal law. Therefore, by the signature below of an authorized company representative, you certify that the information below is understood, agreed, and correct. Any misrepresentations may result in the termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims.

The bidder (hereafter “bidder,” or “contractor”) agrees and understands that in addition to all conditions stated within the attached bid documents, the following conditions will also apply to any Agreement entered between bidder and LFUCG, if LFUCG uses Federal funds, including but not limited to funding received by LFUCG under the American Rescue Plan Act (“ARPA”), toward payment of goods and/or services referenced in this bid. The bidder also agrees and understands that if there is a conflict between the terms included elsewhere in this Request for Proposal and the terms of this Amendment 1, then the terms of Amendment 1 shall control. The bidder further certifies that it can and will comply with these conditions, if this bid is accepted and an Agreement is executed:

1. Any Agreement executed as a result of acceptance of this bid may be governed in accordance with 2 CFR Part 200 and all other applicable Federal law and regulations and guidance issued by the U.S. Department of the Treasury.

2. Pursuant to 24 CFR § 85.43, any Agreement executed as a result of acceptance of this bid can be terminated if the contractor fails to comply with any term of the award. This Agreement may be terminated for convenience in accordance with 24 CFR § 85.44 upon written notice by LFUCG. Either party may terminate this Agreement with thirty (30) days written notice to the other party, in which case the Agreement shall terminate on the thirtieth day. In the event of termination, the contractor shall be entitled to that portion of total compensation due under this Agreement as the services rendered bears to the services required. However, if LFUCG suspects a breach of the terms of the Agreement and/or that the contractor is violating the terms of any applicable law governing the use of Federal funds, LFUCG may suspend the contractor’s ability to receive payment by giving thirty (30) days’ advance written notice. Further, either party may terminate this Agreement for cause shown with thirty (30) days written notice, which shall explain the party’s cause for the termination. If the parties do not reach a settlement before the end of the 30 days, then the Agreement shall terminate on the thirtieth day. In the event of a breach, LFUCG reserves the right to pursue any and all applicable legal, equitable, and/or administrative remedies against the contractor.

3. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

- (1) Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including

apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- (3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- (4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance.

Provided, however, that in the event a contractor becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

4. If fulfillment of the contract requires the contractor to employ mechanic's or laborers, the contractor further agrees that it can and will comply with the following:

- (1) *Overtime requirements: No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such a workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such a workweek.*

- (2) *Violation: liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.*
- (3) *Withholding for unpaid wages and liquidated damages. LFUCG shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.*
- (4) *Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower-tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower-tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.*

5. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

6. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

7. The contractor shall include these requirements in numerical paragraphs 5 and 6 in each subcontract exceeding \$100,000 financed in whole or in part with Federal funding.

8. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. § 1251 et seq.

9. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

10. The contractor shall include these requirements in numerical paragraphs 8 and 9 in each subcontract exceeding \$100,000 financed in whole or in part with Federal funds.

11. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. § 1251 et seq.

12. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency regional office.

13. The contractor shall include these requirements in numerical paragraphs 11 and 12 in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funds.

14. The contractor shall include this language in any subcontract it executes to fulfill the terms of this bid: “the sub-grantee, contractor, subcontractor, successor, transferee, and assignee shall comply with Title VI of the Civil Rights Act of 1964, which prohibits recipients of federal financial assistance from excluding from a program or activity, denying benefits of, or otherwise discriminating against a person on the basis of race, color, or national origin (42 U.S.C. § 2000d et seq.), as implemented by the Department of the Treasury’s Title VI regulations, 31 CFR Part 22, which are herein incorporated by reference and made a part of this contract (or agreement). Title VI also includes protection to persons with ‘Limited English Proficiency’ in any program or activity receiving federal financial assistance, 42 U.S.C. § 2000d et seq., as implemented by the Department of the Treasury’s Title VI regulations, 31 CFR Part 22, and herein incorporated by reference and made a part of this contract or agreement.”

15. *Contractors who apply or bid for an award of \$100,000 or more shall file the required certification that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency. Each tier certifies to the tier above that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier, up to the recipient. The required certification is included here:*

- a. The undersigned certifies, to the best of his or her knowledge and belief, that:
 - (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
 - (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.
 - (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.
- b. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

16. The contractor acknowledges and certifies that it has not been debarred or suspended and further acknowledges and agrees that it must comply with regulations regarding debarred or suspended entities in accordance with 24 CFR § 570.489(1). Funds may not be provided to excluded or disqualified persons.

17. The contractor agrees and certifies that to the greatest extent practicable, it will prefer the purchase, acquisition, and use of all applicable goods, products or materials produced in the United States, in

conformity with 2 CFR 200.322 and/or section 70914 of Public Law No. 117-58, §§ 70901-52, also known as the Infrastructure Investment and Jobs Act, whichever is applicable.

18. The contractor agrees and certifies that all activities performed pursuant to any Agreement entered as a result of the contractor's bid, and all goods and services procured under that Agreement, shall comply with 2 C.F.R. § 200.216 (Prohibition on certain telecommunications and video surveillance services and equipment) and 2 C.F.R. 200 § 200..323 (Procurement of recovered materials), to the extent either section is applicable.

19. If this bid involves construction work for a project totaling \$10 million or more, then the contractor further agrees that all laborers and mechanics, etc., employed in the construction of the public facility project assisted with funds provided under this Agreement, whether employed by contractor, or contractor's contractors, or subcontractors, shall be paid wages complying with the Davis-Bacon Act (40 U.S.C. 3141-3144). Contractor agrees that all of contractor's contractors and subcontractors will pay laborers and mechanics the prevailing wage as determined by the Secretary of Labor and that said laborers and mechanics will be paid not less than once a week. The contractor agrees to comply with the Copeland Anti- Kick Back Act (18 U.S.C. § 874) and its implementing regulations of the U.S. Department of Labor at 29 CFR part 3 and part 5. The contractor further agrees to comply with the applicable provisions of the Contract Work Hours and Safety Standards Act (40 U.S.C. Section 327-333), and the applicable provisions of the Fair Labor Standards Act of 1938, as amended (29 U.S.C. et seq.). Contractor further agrees that it will report all suspected or reported violations of any of the laws identified in this paragraph to LFUCG.



Signature

02/01/2023

Date

C. Equal Opportunity Agreement

EQUAL OPPORTUNITY AGREEMENT

Standard Title VI Assurance

The Lexington Fayette-Urban County Government, (hereinafter referred to as the "Recipient") hereby agrees that as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation, it will comply with Title VI of the Civil Rights Act of 1964, 78Stat.252, 42 U.S.C. 2000d-4 (hereinafter referred to as the "Act"), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, (49 CFR, Part 21) Nondiscrimination in Federally Assisted Program of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") and other pertinent directives, no person in the United States shall, on the grounds of race, color, national origin, sex, age (over 40), religion, sexual orientation, gender identity, veteran status, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the U.S. Department of Transportation, including the Federal Highway Administration, and hereby gives assurance that will promptly take any necessary measures to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations.

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap.

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, Vietnam veterans, handicapped and aged persons.

John Paul Cris

Signature

Patrick D. Murphy Co., Inc., Architects

Name of Business

D. Form of Proposal

ATTACHMENT: A
FORM OF PROPOSAL

Design Services for a Government Center Annex & Police Headquarters
Roof Replacement
Request for Proposal # 01-2023
Form of Proposal

Consultant: Patrick D. Murphy Co., Inc., Architects
Address: 4606 Illinois Ave., Louisville, KY 40213

1. General:

- a. The undersigned Consultant, having read and examined the specifications and associated documents for the above designated work, affirms agreement to complete all work in accordance with the contract documents.
- b. The selected Successful Consultant (SC) shall verify all mentioned requirements in these contract documents. The SC shall confirm in writing any discrepancies found within one week of being informed of successful proposal.
- c. The undersigned agrees that this proposal constitutes a firm offer to the LFUCG which cannot be withdrawn for one hundred twenty (120) calendar days from and after the stated closing time, or until a contract is fully executed by the LFUCG and a third party, whichever occurs earlier.
- d. The Consultant shall include Technical Information as required herein.

2. Submittal Requirements: Interested firms are encouraged to submit their qualifications, which will include the information below. Failure to comply with this requirement may lead in disqualification of the Consultant's proposal:

- a. Signed cover letter stating interest in the project. The cover letter should indicate the proposer's willingness to enter into an agreement with the LFUCG (see Sample Contract **Attachment B**). An officer of the company who has authority to commit their firm to the proposed project must sign the letter.
- b. Additional company information to be provided shall include company history, key management members, major accomplishments, inter-company or third party alliances or partnerships, and any major pending litigation and facts of the case(s).
- c. Narrative on how customer satisfaction is tracked.
- d. Copies of written continuing education/professional training program and quality control/quality assurance program.
- e. Provide the current number of employees and employee types.
- f. Statement of general firm qualifications and capacity that should include firm location, where the work will be performed, and the firm's background and demonstrated ability to perform the required services for this project.
- g. Project Team list including sub consultants indicating key professionals that will be specifically assigned to work on each discipline and phase of the project. Identify project manager. Detailed resumes for the key professionals and project manager should be included with the proposal. Describe team members' educational background, related experience, experience in providing like services to governmental entities, and individual references within such entities. Describe how the team has worked together on similar projects in the past.

- i. Physical project size
 - ii. Estimated and Actual Cost of the resulting construction and/or renovation work
 - iii. Identification of any involved sub-consultants and/or joint-venture partners
 - i. Conflict of Interest Statement clearly stating the proposer has no conflicts of interest in providing professional services on the project.
 - j. A narrative of design approach, preliminary design concepts, approach to project inclusive of proposed work scope, and related considerations.
 - k. Ability to meet required deadlines (See Project Schedule **Attachment C**). Demonstrate integration of this project into the firm's present workload through current and projected staff workload data.
 - l. References: names and contact information of previous clients on similar projects within the past five (5) years with a description of the type of project completed on schedule and on budget. A minimum of three references is required.
3. **Proposal Format:** Proposals are limited to 20 single-sided pages not including the required LFUCG documents as outlined in the RFP. Proposals in excess of these requirements may not be considered. The twenty (20) page limitation includes any written, photographic or graphic material contained in the body of the statement and any appendices. The limitation does not include:
- i. The cover (although narrative on the reverse side of the front cover or front of the back cover will be counted)
 - ii. A title page
 - iii. A table of contents and/or index; or blank tab pages
4. Respondents are responsible for all costs associated with the preparation of materials in response to this RFP. The LFUCG assumes no responsibility for such costs. The LFUCG reserves the right to waive any formality in the submitted statements of qualifications, to reject any and all statements of qualifications or to re-advertise for additional statements of qualifications.
5. **Work Plan:** Consultant shall provide a plan to complete the work described herein in submitted proposal within the submittal limit. Included in work plan shall be:
- a. A checklist of what specific deliverables will be provided at each design phase and/or milestone and the team member that will provide the deliverable.
 - b. A specific budget and schedule (See Project Schedule **Attachment C**) to complete services described herein.
 - c. An explanation of the communication/documentation and collaboration plan.
 - d. An explanation of the approach that will be used to assure quality and well-coordinated documents between all disciplines through the design process.
 - e. An explanation of the team Quality Control Program throughout all phases of design, and through construction administration.
6. **Lump Sum Pricing:**
- a. All Lump Sum Pricing shall include all direct labor and supervision necessary to complete the item in a manner that meets or exceeds the customer's satisfaction. It shall also include the labor payroll costs, overhead (such as unemployment taxes, general liability insurance, rent, utilities, phones, supplies, administrative salaries, F.I.C.A. sick and vacations, etc. disposal fees tool allowance, equipment, materials, profit and all other costs used on the job.)
 - b. Provide Firm Lump Sum Cost for providing the LFUCG with services as noted in these specifications.

<u>Design Stage (Total Services Below)</u>	<u>\$ 42,000.00</u>
Schematic Design Phase: (percentage of total services)	\$ 8,400.00 <u>14</u> %
Design Development Phase: (percentage of total services)	\$ 18,000.00 <u>30</u> %
Construction Documents Phase: (percentage of total services)	\$ 12,600.00 <u>21</u> %
Bid Phase: (percentage of total services)	\$ 3,000.00 <u>5</u> %
<u>Construction Administration Stage</u>	<u>\$ 18,000.00</u>
(percentage of total services)	<u>30</u> %
<u>Total Architectural/ Engineering Services</u>	<u>\$ 60,000.00</u>

7. **Payment for Additional Services:** Additional Services, as permitted under Section 2 of the Contract, shall be compensated at the unit rates listed below. The LFUCG reserves the right to increase or decrease frequencies of unit cost. If Additional Services are requested, the base contract may be increased or decreased on the basis of the unit rates. No price adjustments will be made unless mutually agreed to in advance through the Change Order process to the contract. All Unit Pricing Hourly Rates shall include all direct labor, any supervision required, labor payroll costs, overhead (such as unemployment taxes, general liability insurance, rent, utilities, phones, supplies, administrative salaries, F.I.C.A., sick and vacations, etc.) disposal fees, tool allowance, equipment, materials, profit, and all other costs used on the job.

<u>Title/Skill Level</u>	<u>Hourly Rate</u>
<u>Principal of Firm</u>	<u>\$ 190.00</u> \$/HR
<u>Sr. Profesional/ Project Manager</u>	<u>\$ 150.00</u> \$/HR
<u>Registered Architect (Other Than Principal)</u>	<u>\$ 125.00</u> \$/HR
<u>Roof Observer</u>	<u>\$ 85.00</u> \$/HR
<u>CAD Draftsman</u>	<u>\$ 80.00</u> \$/HR
<u>ENG. (Principal)</u>	<u>\$ 160.00</u> \$/HR
<u>Sr. Engineer</u>	<u>\$ 150.00</u> \$/HR
<u>Grad Engineer</u>	<u>\$ 120.00</u> \$/HR

- a. Additional Services may require procurement beyond the base contract. Procurement shall comply with the specifications set forth herein. The Consultant markup over the invoiced price shall be zero percent (0%).
- b. Approved reimbursable expenses will be based on actual costs and shall be mutually agreed to in advance through the Change Order process to the contract.



Jean-Paul Grivas

Signature

Jean-Paul Grivas

Name

Vice-President

Title

02/01/2023

Date

E. General Provisions

GENERAL PROVISIONS

1. Each Respondent shall comply with all Federal, State & Local regulations concerning this type of service or good.

The Respondent agrees to comply with all statutes, rules, and regulations governing safe and healthful working conditions, including the Occupational Health and Safety Act of 1970, *29 U.S.C. 650 et. seq.*, as amended, and KRS Chapter 338. The Respondent also agrees to notify the LFUCG in writing immediately upon detection of any unsafe and/or unhealthful working conditions at the job site. The Respondent agrees to indemnify, defend and hold the LFUCG harmless from all penalties, fines or other expenses arising out of the alleged violation of said laws.

2. Failure to submit ALL forms and information required in this RFP may be grounds for disqualification.
3. Addenda: All addenda and IonWave Q&A, if any, shall be considered in making the proposal, and such addenda shall be made a part of this RFP. Before submitting a proposal, it is incumbent upon each proposer to be informed as to whether any addenda have been issued, and the failure to cover in the bid any such addenda may result in disqualification of that proposal.
4. Proposal Reservations: LFUCG reserves the right to reject any or all proposals, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by a Respondent in the preparation of proposals.
6. Changes/Alterations: Respondent may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the proposal, and received by LFUCG prior to the scheduled closing time for receipt of proposals, will be accepted. The proposal, when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of proposal".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from a Respondent.
8. Bribery Clause: By his/her signature on the bid, Respondent certifies that no employee of his/hers, any affiliate or Subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.

9. Additional Information: While not necessary, the Respondent may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the Respondent's response. Additional documentation shall not serve as a substitute for other documentation which is required by this RFP to be submitted with the proposal,
10. Ambiguity, Conflict or other Errors in RFP: If a Respondent discovers any ambiguity, conflict, discrepancy, omission or other error in the RFP, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting this proposal, the Respondent agrees that it has carefully examined the specifications and all provisions relating to the work to be done attached hereto and made part of this proposal. By acceptance of a Contract under this RFP, proposer states that it understands the meaning, intent and requirements of the RFP and agrees to the same. The successful Respondent shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to Respondent shall be authorized for services or expenses reasonably covered under these provisions that the proposer omits from its Proposal.
12. Cancellation: If the services to be performed hereunder by the Respondent are not performed in an acceptable manner to the LFUCG, the LFUCG may cancel this contract for cause by providing written notice to the proposer, giving at least thirty (30) days notice of the proposed cancellation and the reasons for same. During that time period, the proposer may seek to bring the performance of services hereunder to a level that is acceptable to the LFUCG, and the LFUCG may rescind the cancellation if such action is in its best interest.

A. Termination for Cause

- (1) LFUCG may terminate a contract because of the contractor's failure to perform its contractual duties
- (2) If a contractor is determined to be in default, LFUCG shall notify the contractor of the determination in writing, and may include a specified date by which the contractor shall cure the identified deficiencies. LFUCG may proceed with termination if the contractor fails to cure the deficiencies within the specified time.
- (3) A default in performance by a contractor for which a contract may be terminated shall include, but shall not necessarily be limited to:
 - (a) Failure to perform the contract according to its terms, conditions and specifications;
 - (b) Failure to make delivery within the time specified or according

- to a delivery schedule fixed by the contract;
- (c) Late payment or nonpayment of bills for labor, materials, supplies, or equipment furnished in connection with a contract for construction services as evidenced by mechanics' liens filed pursuant to the provisions of KRS Chapter 376, or letters of indebtedness received from creditors by the purchasing agency;
- (d) Failure to diligently advance the work under a contract for construction services;
- (e) The filing of a bankruptcy petition by or against the contractor; or
- (f) Actions that endanger the health, safety or welfare of the LFUCG or its citizens.

B. At Will Termination

Notwithstanding the above provisions, the LFUCG may terminate this contract at will in accordance with the law upon providing thirty (30) days written notice of that intent, Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

13. **Assignment of Contract:** The contractor shall not assign or subcontract any portion of the Contract without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this Contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. **Authority to do Business:** The Respondent must be a duly organized and authorized to do business under the laws of Kentucky. Respondent must be in good standing and have full legal capacity to provide the services specified under this Contract. The Respondent must have all necessary right and lawful authority to enter into this Contract for the full term hereof and that proper corporate or other action has been duly taken authorizing the Respondent to enter into this Contract. The Respondent will provide LFUCG with a copy of a corporate resolution authorizing this action and a letter from an attorney confirming that the proposer is authorized to do business in the State of Kentucky if requested. All proposals must

be signed by a duly authorized officer, agent or employee of the Respondent.

16. **Governing Law:** This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this Contract, the Parties agree that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division. All parties expressly consent to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to this Contract or any rights or obligations arising thereunder. Service of process may be accomplished by following the procedures prescribed by law.
17. **Ability to Meet Obligations:** Respondent affirmatively states that there are no actions, suits or proceedings of any kind pending against Respondent or, to the knowledge of the Respondent, threatened against the Respondent before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of Respondent to perform its obligations under this Contract, or which question the legality, validity or enforceability hereof or thereof.
18. Contractor understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Contractor is an independent contractor at all times during the performance of the services specified.
19. If any term or provision of this Contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.
20. Contractor [or Vendor or Vendor's Employees] will not appropriate or make use of the Lexington-Fayette Urban County Government (LFUCG) name or any of its trade or service marks or property (including but not limited to any logo or seal), in any promotion, endorsement, advertisement, testimonial or similar use without the prior written consent of the government. If such consent is granted LFUCG reserves the unilateral right, in its sole discretion, to immediately terminate and revoke such use for any reason whatsoever. Contractor agrees that it shall cease and desist from any unauthorized use immediately upon being notified by LFUCG.

Signature 

02/01/2023
Date

F. MWDBE Forms



LFUCG MWDBE PARTICIPATION FORM
Bid/RFP/Quote Reference # RFP #1-2023

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWDBE Company, Name, Address, Phone, Email	MBE WBE or DBE	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1. Magna Engineers 861 Corporate Dr., Suite 210 Lexington, KY 40503	WBE	Roof Drain Renovations Plumbing	\$ 9,980.00	16.6%
2.				
3.				
4.				

The undersigned company representative submits the above list of MWDBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Patrick D. Murphy Co., Inc., Architects
 Company

2/1/2023
 Date

Jean-Paul Grivas 
 Company Representative

Vice-President
 Title



MWDBE QUOTE SUMMARY FORM

Bid/RFP/Quote Reference # RFP #1-2023

The undersigned acknowledges that the minority and/or veteran subcontractors listed on this form did submit a quote to participate on this project. Failure to submit this form may cause rejection of the bid.

Company Name Patrick D. Murphy Co., Inc., Architects	Contact Person Jean-Paul Grivas, V.P.
Address/Phone/Email 4606 Illinois Ave., Louisville, KY 40213 502.494.5965 JPGrivas@pdmarchitects.com	Bid Package / Bid Date Roof Replacement / February 1, 2023

MWDBE Company Address	Contact Person	Contact Information (work phone, Email, cell)	Date Contacted	Services to be performed	Method of Communication (email, phone meeting, ad, event etc)	Total dollars \$\$ Do Not Leave Blank (Attach Documentation)	MBE * AA HA AS NA Female	Veteran
Magna Engineers 861 Corporate Dr. Suite 210 Lexington, KY 40503	Michelle Howlett	Work: 859.309.2991 Cell: 859.351.5727 e-mail: mhowlett@magnaengineers.com	01/25/2023	Plumbing	e-mail Phone Meeting	\$ 9,980.00	Female	N/A

(MBE designation / AA=African American / HA= Hispanic American/AS = Asian American/Pacific Islander/ NA= Native American)

The undersigned acknowledges that all information is accurate. Any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Patrick D. Murphy Co., Inc., Architects

 Company
 2/1/2023

 Date

Jean-Paul Grivas

 Company Representative
 Vice-President

 Title

LFUCG STATEMENT OF GOOD FAITH EFFORTS

Bid/RFP/Quote # RFP #1-2023

By the signature below of an authorized company representative, we certify that we have utilized the following Good Faith Efforts to obtain the maximum participation by MWDBE and Veteran-Owned business enterprises on the project and can supply the appropriate documentation.

Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms and Veteran-Owned businesses to participate.

Included documentation of advertising in the above publications with the bidders good faith efforts package

Attended LFUCG Central Purchasing Economic Inclusion Outreach event

Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs and/or Veteran-Owned Businesses of subcontracting opportunities

Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms and Veteran-Owned businesses

Requested a list of MWDBE and/or Veteran subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).

Contacted organizations that work with MWDBE companies for assistance in finding certified MWDBE firms and Veteran-Owned businesses to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.

Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.

Followed up initial solicitations by contacting MWDBEs and Veteran-Owned businesses to determine their level of interest.

Provided the interested MWDBE firm and/or Veteran-Owned business with adequate and timely information about the plans, specifications, and requirements of the contract.

Selected portions of the work to be performed by MWDBE firms and/or Veteran-Owned businesses in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items

into economically feasible units to facilitate MWDBE and Veteran participation, even when the prime contractor may otherwise perform these work items with its own workforce

_____ Negotiated in good faith with interested MWDBE firms and Veteran-Owned businesses not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.

_____ Included documentation of quotations received from interested MWDBE firms and Veteran-Owned businesses which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.

_____ Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE and/or Veteran-Owned business's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE and Veteran goals.

_____ Made an effort to offer assistance to or refer interested MWDBE firms and Veteran-Owned businesses to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal

_____ Made efforts to expand the search for MWBE firms and Veteran-Owned businesses beyond the usual geographic boundaries.

_____ Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE and Veteran participation.

NOTE: Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to approval by the MBE Liaison. Documentation of Good Faith Efforts must be submitted with the Bid, if the participation Goal is not met.

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Patrick D. Murphy Co., Inc., Architects

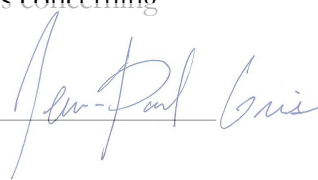
Company
2/1/2023

Date

Jean-Paul Grivas

Company Representative
Vice-President

Title



WBENC

WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

Magna Engineers, PLLC DBA Magna Engineers

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: August 31, 2011

Expiration Date: August 31, 2023

WBENC National Certification Number: 2005118816

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council Ohio River Valley, a WBENC Regional Partner Organization.



Authorized by Sheila Mixon, Executive Director
Women's Business Enterprise Council Ohio River
Valley

WBECORV
WOMEN'S BUSINESS ENTERPRISE COUNCIL
OHIO RIVER VALLEY

JOIN FORCES. SUCCEED TOGETHER.

NAICS: 541330, 238210, 541310
UNSPSC: 81100000, 81101600, 81101701



Great Lakes
Women's
Business
COUNCIL

GREATER
WOMEN'S
BUSINESS
COUNCIL

WOMEN'S
BUSINESS
COUNCIL
SOUTHWEST

WBECMETRONY
WOMEN'S BUSINESS ENTERPRISE CENTER

WBECGREATER DMV
WOMEN'S BUSINESS ENTERPRISE CENTER

WBEA

WBEEAST
WOMEN'S BUSINESS ENTERPRISE CENTER

WBECFLORIDA
WOMEN'S BUSINESS ENTERPRISE COUNCIL

WBEPACIFIC
WOMEN'S BUSINESS ENTERPRISE COUNCIL

WOMEN'S
BUSINESS
DEVELOPMENT
CENTER

WBEC SOUTH
WOMEN'S BUSINESS ENTERPRISE COUNCIL

WBEC WEST
WOMEN'S BUSINESS ENTERPRISE COUNCIL

G. PDMA – Affirmative Action Plan

PATRICK D. MURPHY CO., INC. ARCHITECTS

AFFIRMATIVE ACTION PROGRAMS

**For People of Color, Women and Individuals
with Disabilities**

May 1, 2022 – April 31, 2023

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DESCRIPTION OF ORGANIZATION

Patrick D. Murphy Co., Inc. Architects
Architectural Services, Envelope Consulting, Roof Consulting
4606 Illinois Ave.
Louisville, Kentucky 40213

Patrick D, Murphy, President
e-mail: pdmurphy@pdmarchitects.com
Office: 502-454-5632

Jean-Paul Grivas, Vice-President
e-mail: jpgrivas@pdmarchitects.com
Office: 502-454-5632

DEFINITIONS USED IN THIS AAP

Individual with a Disability: any person who has a physical, sensory, or mental impairment which “materially” (Kentucky) or “substantially” (federal) limits one or more major life activities, or has a record of or is regarded as having such an impairment. "Individual with a Disability" does not include an alcohol or drug abuser whose current use of alcohol or drugs renders that individual a direct threat to property or the safety of others.

American Indian or Alaska Native - a person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.

Asian - A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Black or African American - A person having origins in any of the black racial groups of Africa.

Hispanic or Latino - A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.

Native Hawaiian or Other Pacific Islander - A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

White - A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

Minority – Any person who identifies as being American Indian or Alaska Native, Asian, Black or African American, Hispanic or Latino, Native Hawaiian or Other Pacific Islander, or in any combination of these identifiers, or someone who identifies as White and as any of the other identifiers.

Job Groups: Although companies are not limited to using these broad job groups as the only means of analyzing their workforce, we use the following as guidelines:

Managers and Administrators: Administrative personnel set broad policies, exercise overall responsibility for execution of these policies, and direct individual departments or special phases of an organization's operations. This category includes: officials, executives, middle management, plant managers, department managers, and superintendents, salaried supervisors who are members of management, purchasing agents, and buyers. Unless specifically listed under officials and managers or craft (skilled), first line supervisors, who engage in the same activities as the employees they supervise, should not be reported under this category.

Professionals and Technicians: Professionals are considered to be persons working in occupations requiring either college graduation or comparable work experience. Technicians are those whose work requires a combination of basic scientific knowledge and manual skills such as can be attained through two-year technical or community college degrees or equivalent on-the-job training.

Sales Workers: Occupations engaged wholly or primarily in direct selling. This includes: advertising agents and sales agents, insurance agents and brokers, real estate agents and brokers, sales agents and sales clerks, grocery clerks, cashiers/checkers.

Office and Clerical: All clerical work regardless of the level of difficulty in which activities are predominantly non-manual (though some manual work not directly involved with altering or transporting the products is included). This includes: bookkeepers, collectors, messengers, and office helpers, office machine operators, shipping and receiving clerks, stenographers, typists, secretaries, and telephone operators.

Skilled Crafts: Manual workers of a relatively high skill level who have a thorough and comprehensive knowledge of the process involved in their work. They exercise considerable independent judgment and usually receive an extensive period of training. This includes: building trades, hourly paid foremen and lead-workers who are not members of management, mechanics and repairmen, skilled machinery occupations, electricians. Exclude learners and helpers of craft workers (apprentices).

Operatives: (Semi-skilled): Workers who operate machines or processing equipment or perform other factory-type duties of an intermediate skill level which can be mastered in a few weeks and requires only limited training. This includes: apprentices, operatives, attendants, delivery and route drivers, truck and tractor drivers, dressmakers, weavers, welders. Include craft apprentices in such fields as auto mechanics, printing, metalwork, carpentry, plumbing and other building trades.

Laborers: (Unskilled): Workers in manual occupations which generally require no special training. They perform elementary duties which may be learned in a few days and which require the application of little or no independent judgment. This includes: garage laborers, car washers, gardeners, and lumber workers, laborers performing lifting, digging, mixing and loading.

Service Workers: Workers in both protective and no protective service occupations. This includes: attendants, clean-up workers, janitors, guards, police, fire fighters, waiters and waitresses.

Underutilization: If the number of women or people of color in a job group are less than what is expected based on the availability percentage data adopted for the analysis.

Equal Employment Opportunity (EEO) Policy

Business Name	Patrick D. Murphy Co., Inc.	Date	5/1/2022
EEO Official, Name	Monica Mittle	EEO Official, Title	Project Manager
EEO Official Phone Number	502-454-5632	EEO Official Email Address	mmurphy@pdmarchitects.com

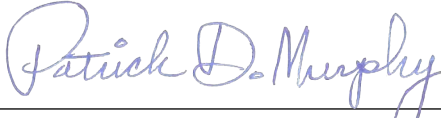
This is to affirm our policy of providing equal employment opportunities to all employees and applicants for employment in accordance with all applicable laws, directives, and regulations of federal, state, and local governing bodies or agencies.

Our organization will not discriminate against or harass any employee or applicant for employment because of race, color, creed, religion, national origin, sex, sexual orientation, gender identity, disability, age, marital status, familial status, membership or activity in a local human rights commission, or status regarding public assistance. We will take affirmative steps to ensure that all our employment practices are free of discrimination. Such employment practices include, but are not limited to, the following: hiring, upgrading, demotion, transfer, recruitment or recruitment advertising, selection, layoff, disciplinary action, termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. We will provide reasonable accommodation to applicants and employees with disabilities whenever possible.

We will evaluate the performance of management and supervisory personnel based on their involvement in achieving these Affirmative Action objectives as well as other established criteria. In addition, all employees are expected to perform their job responsibilities in a manner that supports equal employment opportunities.

I have appointed the above-named EEO Official to manage the Equal Employment Opportunity (EEO) program. This person's responsibilities include monitoring all EEO activities and reporting the effectiveness of the business' Affirmative Action program as required by law. I will receive and review reports on the progress of the program. Any employee or applicant may inspect our Affirmative Action Plan and information related to our EEO program during normal business hours. Please contact the EEO Official for further information.

Any employee or applicant for employment who believes they have been treated in a way that violates this policy should contact either the EEO Official or any other management representative, including me. We will take immediate action to investigate and address allegations of discrimination or harassment confidentially and promptly.



 Signature of CEO/President or Board Chairperson
 President

 Title

Patrick D. Murphy

 First and Last Name (Please print)
 5/1/2022

 Date

ASSIGNMENT OF RESPONSIBILITY FOR AFFIRMATIVE ACTION PROGRAM

Monica Mittle, Project Manager, is designated as the company's EEO manager and is tasked with monitoring all employment activity to ensure that our EEO/AA policies are being carried out. The EEO/AA manager has been given the necessary staffing and support from senior management to fulfill the duties of the position. These duties include, but are not limited to, the following:

1. Develop an EEO policy statement and Affirmative Action Plan ("AAP") that are consistent with the company's EEO policies and establish our affirmative action goals and objectives.
2. Develop and implement internal and external strategies for disseminating the company's AAP and EEO policies.
3. Conduct and/or coordinate EEO/AA training and orientation.
4. Ensure that our managers and supervisors understand it is their responsibility to take action to prevent the harassment of employees and applicants for employment.
5. Ensure that all minority, female, and disabled employees are provided equal opportunity as it relates to organization-sponsored training programs, recreational/social activities, benefit plans, pay and other working conditions.
6. Implement and maintain EEO audit, reporting, and record-keeping systems in order to measure the effectiveness of our Affirmative Action Plan/Program and to determine whether our goals and objectives have been attained.
7. Coordinate the implementation of necessary affirmative action to meet compliance requirements and goals.
8. Serve as liaison between our organization and relevant governmental enforcement agencies.
9. Coordinate the recruitment and employment of women, people of color, and individuals with disabilities, and coordinate the recruitment and utilization of businesses owned by women, people of color, and individuals with disabilities.
10. Coordinate employee and company support of community action programs that may lead to the full employment of women, people of color, and individuals with disabilities.
11. Keep management informed of the latest developments in the area of EEO.

INTERNAL AND EXTERNAL DISSEMINATION OF AFFIRMATIVE ACTION POLICY AND PLAN

A. Internal Dissemination

1. Our EEO policy statement is included in our employee handbooks.
2. We will publicize our EEO policy in any newsletters, magazines, annual reports, or other media the company utilizes.
3. Schedule special meetings all other employees to discuss the policy and explain individual employee responsibilities;
4. We will discuss the policy thoroughly during both employee orientation and management training programs;
5. If applicable we will meet with union officials to provide notice of our EEO policy and ask for their cooperation in implementing the policy.
6. If applicable we will include non-discrimination clauses in all of our union agreements and review all contractual provisions to ensure they are non-discriminatory.
7. We will publish articles in any company publications covering our EEO programs, progress reports, and the accomplishments of disabled and female employees and employees of color.
8. Our EEO policy statement and non-discrimination posters will be permanently posted and conspicuously displayed in areas available to employees and applicants for employment.
9. When employees are featured in product or consumer advertising, employee handbooks, or similar publications, we will include images of male and female employees, employees of color, and disabled employees.
10. Communicate at least annually to employees the existence of our affirmative action program and make available the elements of its program as well as enable prospective employees to know and avail themselves of all of our program's benefits.
11. All personnel involved in the recruitment, screening, selection, promotion, disciplinary, and related processes are carefully selected and trained to ensure that the goals and commitments in the company's affirmative action program are implemented.

B. External Dissemination

1. We will notify all recruiting sources of the company's EEO policy, stipulating that these sources actively recruit and refer women and people of color for all positions listed.
2. We will hold formal briefing sessions with representatives from recruiting sources. As an integral part of these briefings, we will include facility tours; clear and concise explanations of current and future job openings; position descriptions; worker specifications; explanations of the company's

selection process; and, recruiting literature. We will make formal arrangements regarding applicant referrals, and follow-up with referral sources regarding the disposition of applicants.

3. Any disabled employees who wish to participate in career days, youth motivation programs, and related community activities will be given opportunity to do so.
4. Any recruiting efforts at schools will include specific outreach to disabled students.
5. We will make an effort to participate in work study programs with rehabilitation facilities and schools that specialize in the training or educating disabled individuals.
6. We will use all available resources to continue or establish on-the-job training programs.
7. We will incorporate the equal opportunity clause into all purchase orders, leases, and contracts.
8. We will send written notification of the company's EEO policy to all sub-contractors, vendors, and suppliers, and request cooperative action from them.
9. We will notify community agencies, community leaders, secondary schools, colleges, and organizations that promote women, people of color, and disabled individuals regarding the company's EEO policy.
10. When employees are featured in consumer or help wanted advertising, we will include images of male and female employees, employees of color, and disabled employees.
11. We will communicate the existence of our EEO policy to prospective employees and provide sufficient information to enable prospective employees to avail themselves of the policy's benefits.

INTERNAL AUDIT AND REPORTING SYSTEMS

Our EEO manager has responsibility for implementing and monitoring our affirmative action programs. Department heads, managers, and supervisors are responsible for providing the EEO manager with information and/or statistical data as necessary to measure our good faith efforts to implement our programs. In addition, they are also responsible for submitting formal reports to the EEO Manager on a scheduled basis regarding the degree to which corporate or unit goals are attained and timetables are met.

At least annually, internal audit reports will be prepared in table format and dated. Data collected for these reports will include applicant flow, new hires, promotions, transfers, and terminations (voluntary and involuntary) by job group. Figures for each personnel process must show a breakdown by sex, minority classification, and disability status. Reports will be disseminated to appropriate levels of management, and any problem areas will be addressed as promptly as possible.

WORKFORCE ANALYSIS

Availability/Utilization/Underutilization Analysis

The affirmative action plan must include a workforce analysis based on data that is no more than one year old, including a listing of each job title as it appears in your payroll records ranked from the lowest to the highest paid in each department. If there are separate work units or lines of progression within a department, a separate list must be provided for each work unit, or line, including unit supervisors.

GOALS AND TIMETABLES

OPTION 1. During this plan year, it is our goal to make a good faith effort to meet or exceed the availability percentage for women or people of color in all job groups, within our availability/utilization/underutilization analysis. We will continue good faith efforts to recruit and retain individuals with disabilities in all levels of our workforce.

PROBLEM AREA IDENTIFICATION

Patrick D. Murphy Co., Inc. periodically conducts an in-depth analysis of its total employment process to determine whether and where impediments to equal employment opportunity may exist. We evaluated:

1. We have identified no underutilization of women or people of color in our current workforce. We will continue to monitor our workforce composition to ensure that no problems arise.
2. Personnel activity: We will routinely conduct adverse impact analyses using the "Eighty Percent Test" or other statistical methods to analyze our personnel activities, including applicant flow, hires, promotions, terminations and other personnel actions, to determine if there are selection disparities between men and women, people of color, nonminority (and within specific racial groups, if appropriate), or disabled and nondisabled applicants or employees. For tests are used as a part of our selection process, we confirm these tests are job-related and are validated. We have taken corrective action to remove any barriers to hiring or retaining women, people of color, or individuals with disabilities.
3. Compensation system: We will routinely review our compensation system, including rates of pay and bonuses, to determine whether there is any gender, race, ethnicity, or disability-based disparities. If any disparities are identified, we take prompt action to resolve the disparity. In offering employment to individuals with disabilities, we will not reduce the amount of compensation offered because of any disability income, pension, or other benefit the applicant or employee receives from another source.
4. Personnel procedures: We will routinely review all of our personnel procedures and processes, including selection, recruitment, referral, transfers and promotions, seniority provisions, apprenticeship programs and company-sponsored training programs and other company activities to determine if all employees or applicants are fairly considered.

5. Any other areas that might impact the success of our Affirmative Action Program: We continually analyze any other areas that may impact our success, such as accessibility of our facility to the available workforce, the attitude of our current workforce towards EEO, proper posting of our EEO policy and required governmental posters, proper notification of our subcontractors or vendors, and retention of records in accordance with applicable law. We take prompt action to remedy any problems in these areas through training of staff or other methods.

ACTION-ORIENTED PROGRAMS

Selection Process

We will evaluate our selection process using an adverse impact analysis to determine if our requirements screen out a disproportionate number of people of color, women, or individuals with disabilities. All personnel involved in the recruitment, screening, selection, promotion, disciplinary, and related processes will be carefully selected and trained to ensure that there is a commitment to the affirmative action program and its implementation.

Schedule for Review of Job Requirements: We will annually review all physical and mental job requirements to ensure that these requirements do not tend to screen out qualified individuals with disabilities. We will determine whether these requirements are job-related and are consistent with business necessity and the safe performance of the job, and we will remove any physical or mental requirements that do not meet these criteria. Any job descriptions or requirements changed after review will be distributed to all relevant employees, particularly those involved in the selection process and supervision of employees.

Pre-Employment Medical Examination: If we require medical examinations or inquiries as a part of our selection process, all exams or inquiries will be conducted after a conditional offer of employment. Only job-related medical examinations and inquiries will be conducted, and the results of these examinations or inquiries will not be used to screen out qualified individuals with disabilities. Information obtained in response to such inquiries or examinations will be kept confidential except that (a) supervisors and managers may be informed regarding restrictions on the work or duties of individuals with disabilities and regarding accommodations, (b) first aid and safety personnel may be informed, where and to the extent appropriate, if the condition might require emergency treatment, and (c) officials, employees, representatives, or agents of the Kentucky Commission of Human Rights or local human rights agencies investigating compliance with the act or local human rights ordinances will be informed if they request such information.

Accommodations to Physical and Mental Limitations of Employees

We will make reasonable accommodations to the physical and mental limitations of an employee or applicant unless such an accommodation would impose an undue hardship on the conduct of the business.

Recruitment of Employees

1. All solicitation or advertisements for employees will state that applicants will receive consideration for employment regardless of their race, color, creed, religion, national origin, sex, sexual orientation, disability, age, marital status, or status with regard to public assistance. When needed, to help address underutilization, help wanted advertising will also be placed in news media oriented towards women or people of color. Copies of advertisements for employees will be kept on file for review by enforcement agencies.
2. When we place help-wanted advertisements, we will not indicate a preference, limitation, or specification based on sex, age, national origin, or other protected characteristic, unless that characteristic is a bona fide occupational qualification for a particular job. We will not allow any employment agency with which we work to express any such limitation on our behalf, and we will require that these agencies share our commitment to Equal Employment Opportunity.
3. All positions for which we post or advertise externally will be listed with Kentucky Career Centers, America's Job Bank, or similar governmental agencies.
4. As necessary to ensure that potential candidates are aware of job openings, we will contact community organizations focused on the employment of women, people of color, and individuals with disabilities (including state vocational rehabilitation agencies or facilities, sheltered workshops, college placement offices, education agencies, or labor organizations).
5. We will keep documentation of all contacts made and responses received, in connection with paragraph 4 above, whether formal or informal. We will make every effort to give these agencies a reasonable amount of time to locate and refer applicants.
6. We will carry out active recruiting programs at relevant technical schools and colleges, where applicable.
7. We will encourage existing people of color, female and disabled employees to recruit additional candidates for employment opportunities.
8. Consideration of people of color and women not currently in the workforce: We will take additional steps to encourage the employment of women, people of color and individuals with disabilities who are not currently in the workforce, such as providing part-time employment, internships, or summer employment programs.

Training Programs

People of color, female and employees with disabilities will be afforded full opportunity and will be encouraged to participate in all organization sponsored educational and training programs.

We will seek the inclusion of qualified people of color, female and disabled employees in any apprenticeship program in which we participate.

Promotion Process

Our promotion process has been developed and documented and only legitimate qualifications are considered in our promotion decisions. We will conduct adverse impact analyses to ensure that women, people of color, and employees with disabilities are promoted at rates substantially similar to men, non-people of color, and individuals without disabilities.

Termination Process

We use progressive discipline before terminating employees, where appropriate. All employees are made aware of our discipline process. We will conduct adverse impact analyses to ensure that women, people of color, and employees with disabilities do not leave our company at rates substantially dissimilar to those of men, non-people of color, and employees without disabilities.

Religion and National Origin Discrimination and Accommodation for Religious Observance and Practice

As a part of our commitment to Equal Employment Opportunity for all, we have made a specific effort to ensure that national origin and religion are not factors in recruitment, selection, promotion, transfer, termination, or participation in training. The following activities are undertaken to ensure religion and national origin are not used as a basis for employment decisions:

1. Recruitment resources are informed of our commitment to provide equal employment opportunity without regard to national origin or religion.
2. Our employees are informed of our policy and their duty to provide equal opportunity without regard to national origin or religion.
3. Employment practices exist and are reviewed to ensure that we implement equal employment opportunity without regard to national origin or religion.
4. The religious observances and practices of our employees are accommodated, except where the requested accommodation would cause undue hardship on the conduct of our business.
5. We do not discriminate against any qualified applicant or employee because of race, color, creed, disability, age, sex, sexual orientation, marital status, or status with regard to public assistance in implementing the policy concerning non-discrimination based on national origin or religion.

Sex Discrimination Guidelines

We incorporate the following commitments into this AAP to ensure that all laws related to the prohibition of discrimination based on sex are followed:

1. Employment opportunities and conditions of employment are not related to the sex of any applicant or employee. Salaries are not related to or based upon sex.
2. Women are encouraged to attend all training or development programs to facilitate their opportunities for promotion, and to apply for all positions for which they are qualified.

3. We do not deny employment to women or men with young children and do not penalize, in conditions of employment, women or men who require time away from work for parental leave.
4. Appropriate physical facilities are provided to both sexes.

Prevention of Harassment and Discrimination

Our company has developed policies prohibiting the harassment of or discrimination against any employee because of any characteristic protected under civil rights laws. Senior management will distribute these policies routinely to current employees and incorporate these policies as a part of new employee orientation. Employees are made aware of contact persons to report any violation of these policies.

ANTI-HARASSMENT POLICY

As a part of our commitment to equal opportunity, Patrick D. Murphy Co., Inc. Architects has adopted an anti-harassment policy. Any employee who engages in harassment on the basis of race, color, creed, religion, national origin, sex, sexual orientation, marital status, status with regard to public assistance, membership or activity in a local human rights commission, disability, age, or other legally protected characteristics; any employee who permits employees under his/her supervision to engage in such harassment; or any employee who retaliates or permits retaliation against an employee who reports such harassment is guilty of misconduct and shall be subject to remedial action which may include the imposition of discipline or termination of employment.

Examples of harassment may include derogatory comments regarding a person's race, color, religion, or other protected characteristics, sexually explicit or other offensive images (whether printed or displayed on a computer), and jokes that are based on stereotypes of particular races, sexual orientations, ages, religions, or other protected characteristics.

Sexual Harassment is prohibited and includes any unwelcome sexual advance, request for sexual favor and other verbal or physical conduct of a sexual nature when:

- Submission to such conduct is made, either explicitly or implicitly, as a term or condition of employment;
- Submission to or rejection of such conduct is used as a factor in any employment decision affecting any individual; or
- Such conduct has the purpose or effect of unreasonably interfering with any employee's work performance or creating an intimidating, hostile or offensive working environment.

Although the intent of the person engaging in the conduct may be harmless or even friendly, it is the perception of the conduct by the recipient that is relevant to whether the conduct is harassment. Given the difficulty of judging whether the conduct is welcome or unwelcome in particular situations, the company prohibits all employees from engaging in any conduct of a sexual nature or amounting to harassment based on any protected category in the work setting.

This policy applies to everyone in the organization as well as senior management. No retaliation or intimidation directed towards anyone who makes a complaint will be tolerated.

If you believe you have been a victim of harassment, take the following steps:

- Discuss the matter with your supervisor or manager.
- If, for any reason, you would prefer not to speak to your supervisor (for example, if you believe your supervisor to be the source of or a party to the harassment), you may talk to any other member of management or the EEO manager.

The company will investigate and attempt to resolve your complaint promptly. If, for any reason, you believe this has not occurred within a reasonable period of time, refer the matter to a member of senior management up to and including the CEO of Patrick D. Murphy Co., Inc., Architects.

PROBLEM RESOLUTION POLICY

In any organization, dissatisfaction may arise because an employee does not know, understand, or agree with certain policy interpretations or management decisions. Such dissatisfactions are commonly referred to as grievances. At Patrick D. Murphy Co., Inc., Architects, we believe that if any employee has a grievance concerning his/her wages, hours of work, or other terms or conditions of employment, the matter should receive attention from management.

An employee who feels aggrieved is urged to take the matter up immediately with his/her supervisor. Your supervisor is required to investigate your grievance and provide you a response or decision within a reasonable period of time. This investigation may consist of, but is not limited to, gathering information from other employees involved, reviewing company policy, and any other action necessary to understand the matter completely.

If you are not satisfied with the response/decision from your immediate supervisor, you are encouraged to notify the next level of management in writing. This next level of supervision will have a reasonable period of time in which to investigate the matter and respond to you in writing.

If, after these steps are taken, you believe inadequate action has been taken to resolve your complaint, contact Monica Mittle. It is the policy of this organization to respond to any and all complaints, and to take immediate and necessary actions to resolve the issue.

There will be no adverse action taken against a complaining employee as a result of making the complaint, regardless of the outcome of the investigation.

If you have a problem which is more specifically addressed by the Anti-Harassment Policy, please follow the procedure described in the Anti-Harassment Policy section.

H. Proposal Form – Company Information

Firm Submitting Proposal: Patrick D. Murphy Co., Inc., Architects

Complete Address: 4606 Illinois Ave., Louisville, KY 40213
Street City Zip

Contact Name: Jean-Paul Grivas Title: Vice-President

Telephone Number: 502-494-5965 Fax Number: 502-454-4650

Email address: JPGrivas@pdmarchitects.com

I. Workforce Analysis Form

WORKFORCE ANALYSIS FORM

Name of Organization: Patrick D. Murphy Co., Inc., Architects

Categories	Total	White (Not Hispanic or Latino)		Hispanic or Latino		Black or African-American (Not Hispanic or Latino)		Native Hawaiian and Other Pacific Islander (Not Hispanic or Latino)		Asian (Not Hispanic or Latino)		American Indian or Alaskan Native (not Hispanic or Latino)		Two or more races (Not Hispanic or Latino)		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Administrators	1		1														
Professionals	2	2															
Superintendents																	
Supervisors																	
Foremen																	
Technicians	1					1											
Protective																	
Para-																	
Office/Clerical	2	1	1														
Skilled Craft	1	1															
Service/Maintena																	
Total:	7	4	2			1											

Prepared by: Jean-Paul Grivas, Vice-President Date: 2 / 1 / 2023

(Name and Title)

Revised 2015-Dec-15

