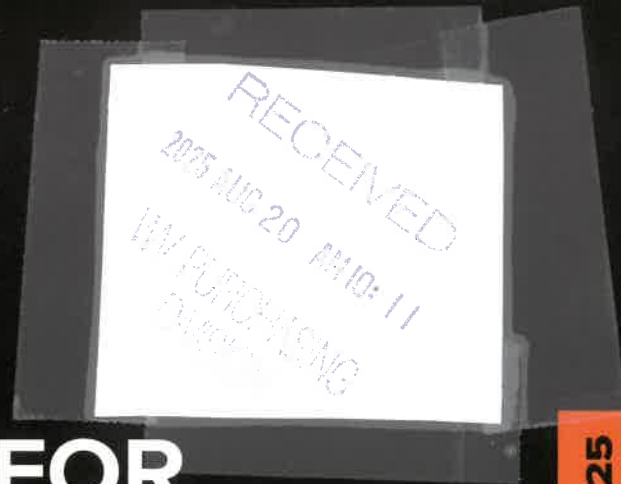


M

MOTT
MACDONALD

M

West Virginia Department of Environmental Protection
Solicitation Number CEOR 0313 DEP2600000001



20 August 2025

AML-EOI PRE- QUALIFICATION FOR CONSULTANTS



Pre-qualification



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Expression of Interest

Proc Folder: 1717189			Reason for Modification:
Doc Description: AML - EOI Pre-Qualification for Consultants			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2025-08-01	2025-08-20 13:30	CEOI 0313 DEP2600000001	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code: VC0000048006

Vendor Name : Mott MacDonald, LLC


Address : 201
Street : Pennsylvania Avenue, Suite #400
City : Charleston
State : West Virginia Country : US Zip : 25302

Principal Contact : Dan Koprowski, Senior Vice President

Vendor Contact Phone: 571.321.5663 Extension:

FOR INFORMATION CONTACT THE BUYER

Joseph (Josh) E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor Signature X  FEIN# 16-1006700 DATE August 20, 2025

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The Acquisitions and Contract Administration Section of the Purchasing Division is soliciting vendors to prequalify to provide proposals on Expression(s) of Interest(s) ("EOI") for the West Virginia Department of Environmental Protection, Division of Land Restoration, Office of Abandoned Mine Lands and Reclamation (WVDEP-DLR-AML) from qualified firms to provide architectural/engineering services pursuant to HB 3429.

The purpose of the project is to solicit pre-qualifications for the purpose of making available a list of pre-qualified Consultants.

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US	ENVIRONMENTAL PROTECTION OFFICE OF AML&R 601 57TH ST SE CHARLESTON WV 25304 US

Line	Comm Ln Desc	Qty	Unit Issue
1	EOI Engineering Design Services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description:
EOI Engineering Design Services

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
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Cover letter

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07 - 09

Section 2 Qualifications, experience, and past performance
11 - Attachment A - AML consultant qualification questionnaire
32 - Attachment B - Project experience requirements

Section 3 Required forms
Certificate of authorization
Certification and signature page
Addendum acknowledgement form
Abandoned mine lands (AML) contractor information form





Joseph (Josh) E Hager III
Buyer
West Virginia Department
of Environmental Protection
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305

Your Reference
CEOI 0313 DEP2600000001

Our Reference
507112236

Mott MacDonald
201 Pennsylvania Avenue
Suite 400
Charleston
WV 25302
United States of America

T +1.304.356.3010
mottmac.com

Expression of Interest
AML-EOI Pre-Qualification for Consultants CEOR 0313 DEP2600000001

August 20, 2025

Dear Mr. Hager,

The West Virginia Department of Environmental Protection (WVDEP), through its Division of Land Restoration's Abandoned Mine Lands (AML) program, sets a standard in environmental restoration as a top federal funding recipient nationwide. Through the AML program, the WVDEP continues to transform hazardous sites into safe, sustainable resources. However, as the WVDEP moves forward under House Bill 3429, it also faces the challenges of enforcing strict compliance with federal regulations like the Infrastructure Investment and Jobs Act, Davis-Bacon and Related Acts, and Build America, Buy America Act while managing complex timelines and multidisciplinary project demands.

Mott MacDonald, LLC (Mott MacDonald) is a global engineering, management, and development consultancy that delivers full-service architecture and engineering solutions. We previously supported the WVDEP on the Maurin Fire & Portals AML project, where we successfully delivered plans and specifications to address safety and environmental challenges.

We have over 2,000 staff located in the US, including over 200 staff in the Mid-Atlantic region. [With more than 15 years of providing a local presence through our West Virginia office](#), we also leverage a global resource pool to deliver fit-for-purpose services. Through our expertise in environmental consulting, permitting, engineering design, and construction oversight, we meet federal and state compliance requirements, including National Environmental Policy Act consultations, permitting, and the development of detailed engineering designs. We provide solutions tailored to meet the needs of our clients, and we are committed to supporting the WVDEP in its mission.

Mott MacDonald is eager to continue contributing to your AML reclamation efforts. We look forward to qualifying for this preselection process and partnering with WVDEP to achieve its goals. Please contact me with any questions regarding our submission.

Sincerely,

Mott MacDonald, LLC

Dan Koprowski
Senior Vice President
+1.571.321.5663
daniel.koprowski@mottmac.com

A large, teal-colored abstract shape, resembling a stylized leaf or a drop with a notch, is positioned on the left side of the page. It is set against a solid black background. The shape has a smooth, curved edge on the left and bottom, and a sharp, V-shaped notch at the top center.

SECTION 1

PROJECT MANAGEMENT APPROACH

1. Project management approach

1.1 Approach and internal systems

Mott MacDonald provides extensive experience in the following services:

- Program and project management.
- Engineering services.
- Right-of-way (ROW) acquisitions.
- Environmental permitting.
- Design services during construction.
- Construction oversight and inspection.

Scope, schedule, and cost management are the key elements of Mott MacDonald’s proven program management approach.

As a result, we bring vast experience in effectively managing scope and cost control for diverse capital programs on major projects with stringent schedule and budget requirements. We understand the challenges faced by a variety of clients and tailor our services to each project, helping clients manage risk, develop schedules, control budgets, meet critical milestones, and achieve expectations for a successful project outcome.

Mott MacDonald approaches project management from the perspective of delivering agreed upon scope. We will track our schedules, budgets and deliverables and share this information with the WVDEP. We operate an ISO 9001-compliant project management system called STEP, which defines our way of working and project control practices. STEP is a web-based portal covering all aspects of a project, including:

- Information flow and approval.
- Quality control and the extent of checking.
- Document handling and storage.
- Approval processes and authority levels.
- Changes to scope/change management.
- Financial project control.
- Customer care and feedback.
- Process improvement.

STEP is modeled on the Project Management Institute's five process groups identified in the Project Management Body of Knowledge Guide which structures different project phases to successfully initiate, plan, execute,

monitor, control, and close the project. STEP has helped our staff achieve excellence and client satisfaction, while simultaneously delivering project services and submissions within budget and on schedule on many similar projects.

STEP and other Mott MacDonald mandates have requirements for accountability and checking from the calculation stage to the final deliverable stage. This extends to our risk register which assigns accountability for the resolution of each risk, including where to find the resolution in the contract documents. Deliverable reviews will be performed by staff who have not been involved in the preparation of the materials, but who have the skill set and background necessary to perform a meaningful review. This review is in addition to any project value engineering or constructability reviews.

Our project approach will be uniquely scaled to each site-specific situation to provide a more “fit for purpose” effort for efficient and cost-effective solutions and outcomes. Additionally, the WVDEP’s standards and requirements will be incorporated into our STEP process for AML projects.

1.2 Past AML or similar projects

Mott MacDonald staff, as highlighted in Attachment B, have extensive related experience to support the WVDEP's AML needs. The following projects highlight some of Mott MacDonald's direct experience relevant to this contract:

Hydrological Flow Assessment Study, Confidential Clients, Washington, PA

Mott MacDonald provided design and coordination services that included for setting new monitoring stations, field mapping and visual observations of geologic outcrops and mining-related anomalies, conducting stream flow measurements, database entry, landowner contact, and training new employees. This project will determine the hydrological impact of undermined streams in permitted areas above three separate deep mines.

Maurin Fire & Portals Project, WVDEP, Monongalia County, West Virginia

Prepared plans and specifications to address safety concerns of several mine openings and abandon structures on the abandoned mine facility. Areas of acid mine drainage and exposed refuse were also addressed.

Study of Big Run Peat Bog, US Environmental Protection Agency, Appalachian Mountains of West Virginia

Mott MacDonald collaborated with a researcher regarding a US Environmental Protection Agency-funded study of treatment of acid mine drainage in a sphagnum-dominated peat bog. Villanova University served as the

the contractor performing biogeochemistry research to understand how (chemically) the acid mine drainage was being treated by the peat. This facilitated the next step in the research where test bogs were recreated in a lab at Villanova University.

1.3 Personnel availability/resource planning

A brief overview of our team’s organizational structure is shown in **Figure 1**. Following the organizational chart, **Table 1** shows the availability and expertise of the key staff to be assigned to the project.

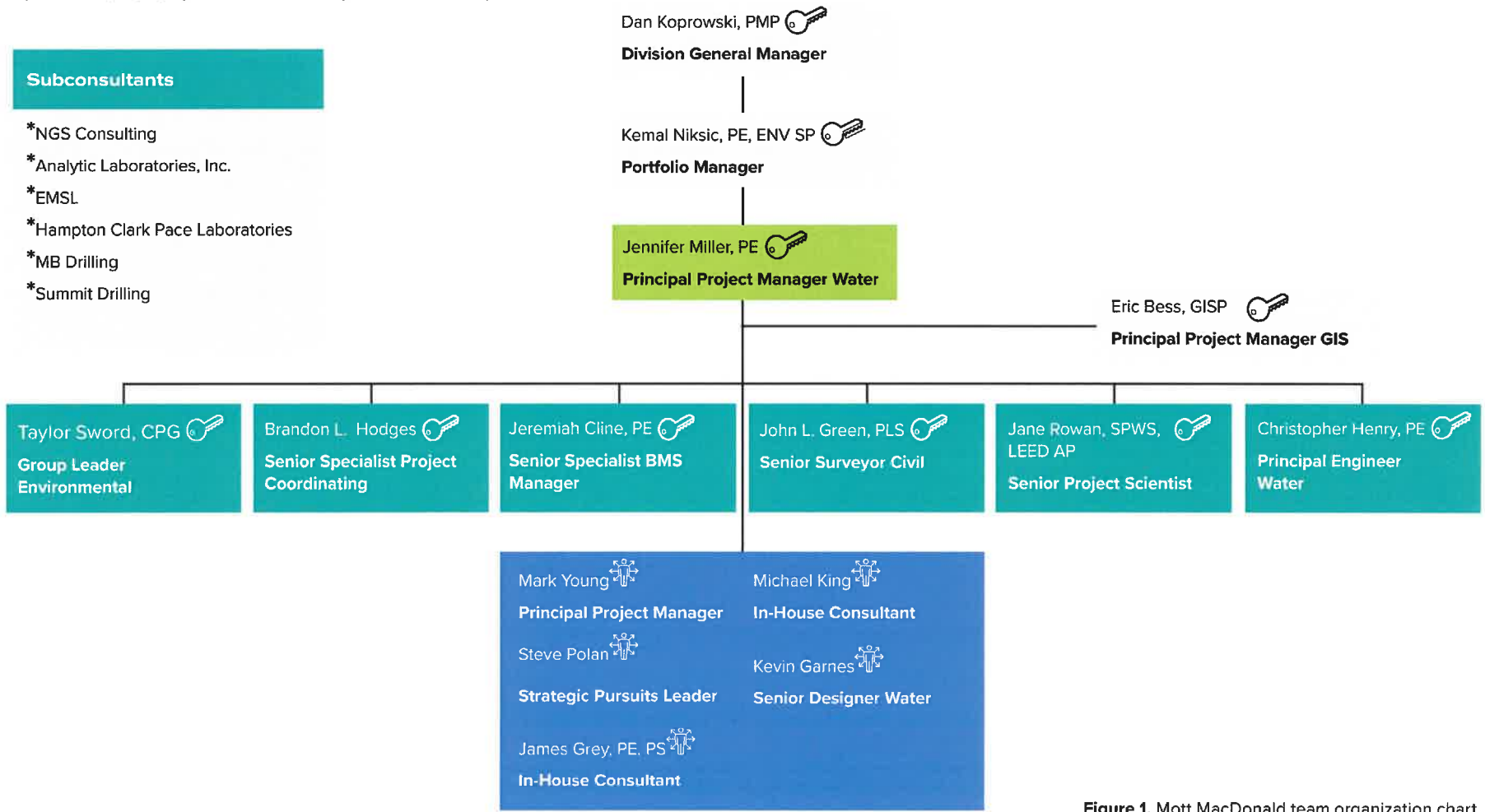


Table 1. Mott MacDonald key staff members and their expertise.

Key Expertise					
Key staff	Project management	Detailed design	Environmental permitting	Surveying and real estate services	Construction Oversight
Eric Bess, GISP	•	•	•	•	•
Jennifer Miller, PE	•	•	•		•
Kemal Niksic, PE, ENV SP	•		•		•
Dan Koprowski, PMP	•		•		
Jane Rowan, SPWS, LEED AP	•		•		
Jeremiah Cline, PE	•		•		
Taylor Sword, CPG	•	•	•		•
Christopher Henry, PE	•	•			•
John Green, PLS			•	•	
Brandon L. Hodges	•	•	•	•	•

1.4 Communication, progress tracking, and a prompt resolution plan

Mott MacDonald will define a baseline schedule for the life of the project from mapping and ROW acquisition, through detail design, permitting, and construction support and oversight upon the award of each project. We will use Microsoft SharePoint to set up a document sharing site for the WVDEP AML project management team. Additionally, progress meetings will be scheduled monthly, bi-weekly, or weekly at the direction of the WVDEP AML Project Manager, depending on the project phase and current project requirements.

Mott MacDonald will leverage "Tiger Teams," project recovery teams comprised of the vast technical resources of our global firm outside of the core project team, when necessary to provide creative resolutions to issues as they arise.

ATTACHMENT A

AML CONSULTANT QUALIFICATION QUESTIONNAIRE (CQQ)

**Qualifications, experience, and
past performance**

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION																																								
AML CONSULTANT QUALIFICATION QUESTIONNAIRE			Attachment "A"																																					
PROJECT NAME AML EOI Pre-Qualification for Consultants		DATE (DAY, MONTH, YEAR) 20, August, 2025		FEIN 16-1006700																																				
1. FIRM NAME Mott MacDonald, LLC		2. HOME OFFICE BUSINESS ADDRESS 111 Wood Avenue South Iselin, NJ 08830-4112		3. FORMER FIRM NAME Transit and Tunnels Consultants – 1972 Hatch Mott MacDonald, Inc. – 1996 Hatch Mott MacDonald, T&T, Inc. – 2002 Hatch Mott MacDonald, LLC – 2004																																				
3. HOME OFFICE TELEPHONE 973.379.3400	5. ESTABLISHED (YEAR) 1972	6. TYPE OWNERSHIP Individual Corporation Partnership Joint-Venture Limited Liability Company		6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES NO <u>X</u>																																				
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE 201 Pennsylvania Avenue, Suite 400, Charleston, WV 25302 304.356.3004 Eric Bess / 5																																								
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Dean F. Radeloff J. Craig Velasquez Michael Klerer Brian Wolf Farhad Nourbakhsh Ian Ong		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS Aimee Barwick, US Senior Vice President, 649.374.1594 Andre Bester, US Vice President, 323.694.5668 David Hunt, US Vice President, 925.398.7285 Diana Walker, US Vice President, 503.455.8020 Jean Banker, US Vice President, 415.946.9102 Joel Farrier, US Senior Vice President, 213.246.1234 Jonathan Davies, US Executive Vice President, 781.915.0080 Julia Barker, US Senior Vice President, 303.275.8064 M. Joe Toolson, US Senior Vice President, 714.782.9212 Mohamed Basma, US Senior Vice President, 408.807.0481																																						
9. PERSONNEL BY DISCIPLINE * Comprised of staff within our West Virginia, New Jersey, Ohio, Maryland, North Carolina, and Pennsylvania offices																																								
<table><tr><td>— ADMINISTRATIVE</td><td><u>2</u> ECOLOGISTS</td><td><u>2</u> LANDSCAPE ARCHITECTS</td><td>— STRUCTURAL ENGINEERS</td></tr><tr><td>— ARCHITECTS</td><td>— ECONOMISTS</td><td><u>10</u> MECHANICAL ENGINEERS</td><td><u>2</u> SURVEYORS</td></tr><tr><td><u>10</u> BIOLOGIST</td><td><u>13</u> ELECTRICAL ENGINEERS</td><td><u>2</u> MINING ENGINEERS</td><td>— TRAFFIC ENGINEERS</td></tr><tr><td><u>3</u> CADD OPERATORS</td><td>— ENVIRONMENTALISTS</td><td>PHOTOGRAMMETRISTS</td><td>— OTHER</td></tr><tr><td><u>3</u> CHEMICAL ENGINEERS</td><td><u>9</u> ESTIMATORS</td><td><u>3</u> PLANNERS: URBAN/REGIONAL</td><td></td></tr><tr><td><u>5</u> CIVIL ENGINEERS</td><td><u>7</u> GEOLOGISTS</td><td><u>14</u> SANITARY ENGINEERS</td><td></td></tr><tr><td><u>28</u> CONSTRUCTION INSPECTORS</td><td>— HISTORIANS</td><td>SOILS ENGINEERS</td><td>* <u>616</u> TOTAL PERSONNEL</td></tr><tr><td>— DESIGNERS</td><td><u>2</u> HYDROLOGISTS</td><td>SPECIFICATION WRITERS</td><td></td></tr><tr><td>— DRAFTSMEN</td><td></td><td></td><td></td></tr></table>					— ADMINISTRATIVE	<u>2</u> ECOLOGISTS	<u>2</u> LANDSCAPE ARCHITECTS	— STRUCTURAL ENGINEERS	— ARCHITECTS	— ECONOMISTS	<u>10</u> MECHANICAL ENGINEERS	<u>2</u> SURVEYORS	<u>10</u> BIOLOGIST	<u>13</u> ELECTRICAL ENGINEERS	<u>2</u> MINING ENGINEERS	— TRAFFIC ENGINEERS	<u>3</u> CADD OPERATORS	— ENVIRONMENTALISTS	PHOTOGRAMMETRISTS	— OTHER	<u>3</u> CHEMICAL ENGINEERS	<u>9</u> ESTIMATORS	<u>3</u> PLANNERS: URBAN/REGIONAL		<u>5</u> CIVIL ENGINEERS	<u>7</u> GEOLOGISTS	<u>14</u> SANITARY ENGINEERS		<u>28</u> CONSTRUCTION INSPECTORS	— HISTORIANS	SOILS ENGINEERS	* <u>616</u> TOTAL PERSONNEL	— DESIGNERS	<u>2</u> HYDROLOGISTS	SPECIFICATION WRITERS		— DRAFTSMEN			
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— DRAFTSMEN																																								
TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>5</u> *RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.																																								

10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? ☐ YES ☒ NO

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Qualification Questionnaire".		
NAME AND ADDRESS: NGE Consulting 650 MacCorkle Avenue West St. Albans, WV 25177	SPECIALTY: Geotechnical Engineering	WORKED WITH BEFORE __ x __ Yes ____ No
NAME AND ADDRESS: Analytic Laboratories, Inc. 4208 Bethlehem Pk. Telford, PA 18969	SPECIALTY: Chemicals and contaminants	WORKED WITH BEFORE __ x __ Yes ____ No
NAME AND ADDRESS: EMSL 200 US-130 North Cinnaminson, NJ 08077	SPECIALTY: Asbestos, Eurofins	WORKED WITH BEFORE __ x __ Yes ____ No
NAME AND ADDRESS: Hampton Clark Pace Laboratories 5 Weatheridge Drive Hurricane, WV 25526	SPECIALTY: Drillers - soil samples	WORKED WITH BEFORE __ x __ Yes ____ No
NAME AND ADDRESS: MB Drilling 328 Forge Road West Creek, NJ 08092	SPECIALTY: Drillers - soil samples	WORKED WITH BEFORE __ x __ Yes ____ No
NAME AND ADDRESS: Summitt Drilling 81 Chimney Rock Road Bridgewater, NJ 08807	SPECIALTY: Drillers - soil samples	WORKED WITH BEFORE __ x __ Yes ____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE ____ Yes ____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE ____ Yes ____ No
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE ____ Yes ____ No

12. A. Is your firm’s personnel experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?

YES Description and Number of Projects:

Yes, Mott MacDonald has been involved in AML projects for more than 30 years. Including:

Hydrological Flow Assessment Study, Confidential Clients, Washington, PA
Design and coordination for setting of new monitoring stations, field mapping and visual observations of geologic outcrops and mining-related anomalies, conducting stream flow measurements, database entry, landowner contact, and training of new employees. This project is designed to determine the hydrological impact of undermined streams in the permitted areas above three separate deep mines.

Maurin Fire & Portals Project, WVDEP, Monongalia County, West Virginia
Prepared plans and specifications to address safety concerns of several mine openings and abandon structures on the abandoned mine facility. Areas of acid mine drainage and exposed refuse were also addressed.

Study of Big Run Peat Bog, USEPA, Appalachian Mountains of West Virginia
Collaborated with the researcher regarding USEPA funded study of treatment of acid mine drainage in a Sphagnum dominated peat bog. Villanova University was the contractor performing biogeochemistry research trying to understand how (chemically) the AMD was being treated by the peat. This facilitated the next step in the research where test bogs were recreated in a lab at Villanova University.

Number of Projects = 25+

NO

B. Is your firm experienced in Soil Analysis?

YES Description and Number of Projects:

Mott MacDonald has performed thousands of soil sample analytical tests for both geotechnical parameters and chemical constituents in accordance with standard American Society for Testing and Materials (ASTM) and Hazardous Waste Test Methods SW-846 standards. From performance of environmental assessments through remedial actions as well as design, we have multiple relationships with commercial laboratories that perform various analysis for chemical identification/concentration and physical properties. In our market sector of geologic engineering multiple, projects have required different physical parameters from soils to determine physical properties for various engineering needs. This includes construction projects ranging from water treatment and transmission, transport, tunnels, highways and buildings to bridge design and development. From our water market, our analyses of chemicals of concern have involved water, sludge, and soil sources to determine best treatment options for removal, handling, and disposal. In our environmental sector, we collect soil samples from multiple locations and horizons to determine the chemical characteristics of the soils being tested. This often involves environmental assessments, geochemical analyses for profiling specific lithological horizons, and the development of remedial action plans to mitigate adverse impacts to human health and the environment. **Number of projects = thousands**

NO

C.	Is your firm experienced in hydrology and hydraulics?
YES	Description and Number of Projects:
Yes, Mott MacDonald has performed hydrologic studies and hydraulic modeling for water utilities and stormwater applications for many years. Number of projects = <u>hundreds</u>	
NO	
D.	Does your firm produce its own Aerial Photography and Develop Contour Mapping?
YES	Description and Number of Projects:
Our geological information system (GIS) team uses drones for the purposes of aerial photography, LiDAR, and elevation updates. WVDOT North Simpson Bridge Design – Lidar Flight, WVDOT Armour Creek Bridge Design – Imagery/Contours Flight, Putnam PSD Reservoir – Updated Imagery Flight. Mott MacDonald also has access to high-resolution imagery flown multiple times per year, depending upon location. Number of projects = <u>three</u>	
NO	
E.	Is your firm experienced in domestic waterline design? (Include any experience your firm has in evaluation of aquifer degradation as a result of mining.)
YES	Description and Number of Projects:
Mott MacDonald has over four decades of extensive experience in US waterline design. Within our water sector, we serve numerous municipalities with water-related services, from water treatment facilities design, distribution, maintenance and compliance support. We have also coordinated operations for residential lead line replacement programs in Denver, CO; Washington DC, and New Jersey. Number of projects = <u>thousands</u>	
NO	
F.	Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?
YES	Description and Number of Projects:
Acid mine drainage treatment - multiple projects.	
NO	
G.	Is your firm experienced in construction oversight?
YES	Description and Number of Projects:
Mott MacDonald provides construction supervision and management and design services during construction for hundreds of horizontal and vertical water and wastewater, land development, tunnel, energy transmission, pipelines, landfills, Comprehensive Environmental Response, Compensation, and Liability Act/Superfund Amendments and Reauthorization Act remediation, aviation and transport projects. Number of Projects = <u>hundreds</u>	
NO	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Cline, Jeremiah C., PE Senior Specialist BMS Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	4	8	0
Brief Explanation of Responsibilities Jeremiah worked with state department of environmental protection officials and a Mott MacDonald design team to prepare plans and specifications to address safety concerns of several mine openings and abandon structures on the abandoned mine facility. Areas of acid mine drainage and exposed refuse were also addressed. He was mostly responsible for design oversight and management.			
EDUCATION (Degree, Year, Specialization) BS, 2003, Civil Engineering Technology			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Civil Engineers (ASCE)		REGISTRATION (Type, Year, State) Professional Engineer, 2014, WV	
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Green, John L., PLS Senior Surveyor Civil	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	7	40	10
Brief Explanation of Responsibilities John worked with three AML projects and was responsible for all survey activities required to stakeout the design and construction baseline and collect design cross-section data. His duties also included plotting of survey data and dissemination to the design team. 			
EDUCATION (Degree, Year, Specialization) 1975-1976, Civil Engineering, (West Virginia Institute of Technology)			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS National Society of Professional Surveyors West Virginia Society of Professional Surveyors American Association of Geodetic Surveyors (AAGS)		REGISTRATION (Type, Year, State) Professional Land Surveyor, 1991, WV	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Young, Mark D. Principal Project Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	4	8	0
Brief Explanation of Responsibilities Mark served as a design lead for the reclamation and control of outflow from abandoned mines, which included upgrading storm systems to carry flow. His work included providing quality assurance/quality control (QA/QC) for construction documents and permits for work within the WVDOH.			
EDUCATION (Degree, Year, Specialization) BSc, Civil Engineering, 1998			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Civil Engineers Institute of Transportation Engineers American Council of Engineering Companies		REGISTRATION (Type, Year, State) Professional Engineer: 2003, WV 2007, IN 2010, NC Safety Inspection of In-Service Bridges, National Highway Institute (NHI), 2006 Fracture Critical Inspection for Steel Bridges, National Highway Institute (NHI)	
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Polen, Stephen B. Strategic Pursuits Leader	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	40	40	40
Brief Explanation of Responsibilities Stephen served as design manager for the demolition of an existing open water reservoir, removal of coal overburden, and grouting open mine tunnels. He was also a design Engineer responsible for preparing contract drawing for the construction of a coal preparation plant and, coal disposal area. He was responsible for preparation plan of a more than 15 acre shell mine to be a reclaimed area for commercial development that included designing of storm-water system to serve future commercial development that met federal and state regulations.			
EDUCATION (Degree, Year, Specialization) MS, 1998, Engineering Management BS, 1985, Civil/Environmental Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Civil Engineers American Water Works Association Water Environment Federation Pennsylvania Municipal Authorities Association		REGISTRATION (Type, Year, State) Professional Engineer: 1995, OH 1990, PA 1989, FL 2017, MI 2018, KS 2017, WV	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Sword, Taylor, P., CPG Group Leader Environmental	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 20	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
Brief Explanation of Responsibilities Taylor provides significant knowledge in environmental permitting, remediation construction, science, policy, and management to provide successful strategies for remediation and mitigation of negative environmental impacts resulting from legacy industrial practices. He has developed strategy for remedial projects and programs tied to infrastructure and rectification of negative environmental impacts including traditional landfills, waterfront bulkheads, and arctic coastal and inland ecosystem restoration. Wetlands restoration construction, insitu remediation, and biological remedial system implementation efforts have been performed under his direction.			
EDUCATION (Degree, Year, Specialization) BS, 1983, Geology			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Institute of Professional Geologists		REGISTRATION (Type, Year, State) Certified Professional Geologist, AIPG #CPG-08334, 1991 OSHA: 30 Hour - OSHA Construction Safety and Health 40 40 Hour HAZWOPER OSHA Hazardous Waste Site Hour Operations Disaster Site Worker - No Evidence MD ESC - Erosion and Sediment Control Certification #RPC024632	
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Rowan, Jane, O., SPWS, LEED AP Senior Project Scientist	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 5	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
Brief Explanation of Responsibilities Jane’s knowledge in science, policy, and management informs successful strategies that seek to avoid environmental impacts early in the planning and design of large scale projects tied to public infrastructure. Her experience includes renewable and traditional power generation and transmission projects, work in state and national parks; coastal and inland ecosystem restoration, green building and site design, and low-impact methods of site development and environmental. She worked with the US Environmental Protection Agency and Villanova University on a research project on wetland functions in “cleaning” acid mine drainage contaminated water in a bog in Garrett County MD. She also worked on a project in northeast Pennsylvania delineating wetlands at a wetland restoration site where acid mine drainage was inadvertently entering the site. The wetlands were successfully designed to treat the acid mine drainage.			
EDUCATION (Degree, Year, Specialization) MS, 1982, Environmental Science BS, 1978, Biology (Chemistry Minor)			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Ecological Engineering Society American Water Resources Association Pennsylvania Organization for Watersheds and Rivers Society of Wetland Scientists, Water Resource Association - Delaware River Basin Wildlife Society - PA Chapter		REGISTRATION (Type, Year, State) Certified Senior Professional Wetland Scientist, 1994 LEED® Accredited Professional, 2004	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Hodges, Brandon, L. Senior Specialist Project Coordinating	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	0	2	16
Brief Explanation of Responsibilities Brandon has extensive experience in the engineering and construction industries. He has gained experience in both the design and construction phases of utility, site, and building projects. Through a variety of projects and responsibilities, Brandon has continued an upward rise in the engineering field. Specializing in the utilities industry, he can perform a multitude of tasks in project management, from design and layout to inspection and quality control testing. He has served as Project Coordinator and as a Resident Project Representative on many multi-million-dollar projects, and he has experience with client interface, site analysis, contracts, plan and code review, ROW acquisitions, and all functions relative to construction administration from groundbreaking through project completion. With Mott MacDonald, he continues to fulfill multiple tasks and assignments for varying client needs, both in the field and in the office. AML Jobs: <u>one</u>			
EDUCATION (Degree, Year, Specialization) 1995, Business courses 1994, Business courses			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State) OSHA 10 Hour Occupational Safety and Health Certification MM Project Safety Advisor Heartsaver First Aid CPR AED Certification	
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Miller, Jennifer, PE Principal Project Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	0	10	25
Brief Explanation of Responsibilities Jennifer has an extensive background with various types of projects in the water, wastewater, highways, and petrochemical industries. She has been responsible for design, regulatory compliance, permitting, project management, and contract management services. Recently, she has managed capital projects for West Virginia American Water and Pittsburgh Water as well as provided project management for the WVDEP's ERP Environmental Fund, Inc. and Transportation Asset Management Plan projects. AML Jobs: 0			
EDUCATION (Degree, Year, Specialization) BS, 1985, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State) Professional Engineer: 2007, VA 2020, PA 1992, WV 1990, MO	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Bess, Eric, GISP Principal Project Manager, GIS	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	5	5	12
Brief Explanation of Responsibilities Eric has a wide range of experience, particularly GIS expertise. He has been a project manager on a variety of transportation asset management, water, and stormwater projects. Eric has experience with asset management, data management, reporting and analysis, and QA/QC of various datasets for business needs. His range of experience covers a multitude of tasks, including database development, workflow and dataflow process management, training, analysis, asset management, and field personnel management. He also has 5 years’ of mining operations experience as an employee of Cannelton Industries.			
EDUCATION (Degree, Year, Specialization) BS, 1996, Engineering Technology AS, 1995, Civil Engineering Technology			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Water Works Association West Virginia Association of Geographic Professionals		REGISTRATION (Type, Year, State) Geographic Information Systems Professional, 2011 NICET Certified Engineering Technician, 2001	
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Henry, Christopher, M., PE Principal Engineer Civil	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	1	5	1
Brief Explanation of Responsibilities Christopher is experienced in wastewater engineering, construction oversight, and inspection over stream mitigation activities. His design experience includes pump station analysis design, sewer rehabilitation and replacement, manhole rehabilitation and replacement, Inflow and Infiltration (I/I) removal analysis, and environmental and safety controls. His additional experience includes extensive environmental impact monitoring related to mining operations and their effects on hydrologic conditions, and National Association of Sewer Service Companies pipeline and manhole assessment.			
EDUCATION (Degree, Year, Specialization) BS, 2007, Agriculture and Biological Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State) Professional Engineer, 2024, WV 2015, PA NASSCO Assessment Certification, 2016, PA NASSCO ITCP Inspector for CIPP, 2016, PA Manhole Rehabilitation ITCP, 2018, PA	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Koprowski, Daniel, C., PMP Division General Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	0	0	0
Brief Explanation of Responsibilities Daniel is a proven executive leader with 30 years of experience as a US Army engineer officer. He offers a track record of effective team building and leading organizations to complete complex operations. He is a results-oriented, risk-informed decision maker who communicates effectively and drives organizational development. A dedicated advisor, trainer, coach and mentor, Mr. Koprowski connects people with mission, inspires performance, and is committed to maintaining a reputation for loyalty, ethical service, and high quality. Since arriving at Mott MacDonald, Daniel has managed Mott MacDonald’s joint venture with WSP and served as the lead for its General Architectural and Engineering Consultant contract with the Washington Metropolitan Area Transit Authority.			
EDUCATION (Degree, Year, Specialization) MS, 2013, National Security Strategy MA, 2000, History BA, 1990, History/Political Science			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Army Engineer Association Society of American Military Engineers, National War College Alumni Association		REGISTRATION (Type, Year, State) Project Management Professional #2753054, 2020	
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Niksic, Kemal, PE, ENV SP Portfolio Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	0	10	28
Brief Explanation of Responsibilities Kemal has engineering experience covering planning, design, and management of various projects. Since his arrival in the United States in 1995, he has been involved in all phases of project development and implementation on a variety of projects including planning and modeling of water supply systems, developing comprehensive wastewater planning documents (Combined Sewer Overflow Long Term Control Plans and Act 537 Sewage Facilities Plans). He has also performed hydraulic characterizations for combined and sanitary sewer system, as well as engineering design and construction management of water and wastewater infrastructure, including water mains, sewer lines, storage tanks, pumping stations, and treatment facilities.			
EDUCATION (Degree, Year, Specialization) BS, 1992, Civil Engineering (University of Sarajevo)			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS American Society of Civil Engineers American Water Works Association Environmental Water Resources Institute Water Environment Federation		REGISTRATION (Type, Year, State) Professional Engineer: 2013, OH 2001, PA Envision Sustainability Professional #8043, 2016	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Grey, James “Eddy”, PE, PS In-House Consultant	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 20	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
Brief Explanation of Responsibilities Eddy is president of the Morris Creek Watershed Association. He serves as a consultant for mine reclamation, water treatment, and acid mine drainage.			
EDUCATION (Degree, Year, Specialization) BS, Civil Engineering BS, Surveying			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Marcellus Shale Coalition American Society of Civil Engineers Society of Petroleum Engineers Appalachian Geological Society WV Oil & Natural Gas Association Independent Oil & Gas Association of WV American Congress on Surveying and Mapping.		REGISTRATION (Type, Year, State) Professional Engineer and Professional Land Surveyor in 8 states.	
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) King, Michael, D. In-House Consultant	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 0	YEARS OF AML RELATED DESIGN EXPERIENCE: 20	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 0
Brief Explanation of Responsibilities Michael is a founding member and manager of operations for the Morris Creek Watershed Association. He is also VISTA supervisor for AmeriCorps Consultant for mine reclamation, water treatment, and acid mine drainage.			
EDUCATION (Degree, Year, Specialization) <hr/>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State) West Virginia Commercial and Residential Masters Electrician License Certificate in Electrical Engineering from ICS Scranton, PA First aid and CPR instructor as well as a Wilderness First-aid Instructor for the American Red Cross	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.) Garnes, Kevin Senior Designer Water	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 10	YEARS OF AML RELATED DESIGN EXPERIENCE: 20	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 40
Brief Explanation of Responsibilities Kevin's duties over the years have included: developing company computer-aided design and drafting standards and policies; design of water treatment plants, water storage tanks, booster stations, and distribution systems; design of wastewater treatment plants, lift stations, and collection systems; project estimating and materials take-offs; preparing permit applications for various government agencies; field reconnaissance, review, and inspection of design projects; quality control of specifications and construction documents; stormwater collection and retention systems; commercial, industrial, and residential building design and renovations; planning and development of industrial parks and subdivisions; public housing renovations and modernization projects; and Bridge and highway design and Row acquisition. Lower Burning Creek Refuse, Mingo County, WV: Refuse grading and mine portal closing details, drainage profiles, cross sections, and volume calculations. Dawmont Refuse, Harrison County, WV: Refuse grading and mine portal closing details, drainage profiles, cross sections, and volume calculations. Helen Refuse, Raleigh County, WV: Refuse grading and mine portal closing details, drainage profiles, cross sections, and volume calculations. Upshur 10/15 Portals, Upshur County, WV: Refuse grading and mine portal closing details, drainage profiles, cross sections, and volume calculations.			
EDUCATION (Degree, Year, Specialization) 1982-1984, Various Engineering Classes			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	
13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Brief Explanation of Responsibilities			
EDUCATION (Degree, Year, Specialization)			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	

14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES		
DRAFTING & SITE DESIGN SOFTWARE	SURVEY EQUIPMENT	Magnetic Locators
AutoCAD Civil 3D v2022 & Above	Survey/Global Positioning System (GPS)	CST Berger Magnetic Locator
MicroStation V8i Select Series 3	(2) Trimble R12i GNSS Dual Frequency Receivers	Field Laptops / Data Collectors
Bentley Open Roads Connect Edition	Trimble R10 GNSS Dual Frequency Receiver	(5) iPad Air 5th Generation
GIS SOFTWARE	Magellan ProMark 500 GNSS Dual Frequency Receiver	HP Elite Books & Dell Precision Laptops
ArcGIS Pro / ArcGIS Online	EOS Arrow Gold	Trimble TSC5 Data Collectors with Trimble Access Software
Field Maps	Trimble Handheld XT	Carlson Mini II Data Collector with SurvCE Software
Survey 123	Tripods	EM120 2.4Ghz Radio for the TSC5's for Robotic Control
Nearmap	6	
ESRI Field Map	Total Stations	Survey Vehicles
DRONE EQUIPMENT & SOFTWARE	Topcon GPT 3505LNW	Ford F150 4WD Fully Equipped
WISPR Ranger Pro	Trimble S6 Robotic Total Station	Survey Software
DJI Phantom 4 Pro	Levels	AutoCAD Civil 3D v2022 and above
PIX4D	Topcon AT B3 Automatic Level with 25' Rod	Carlson Civil Suit/Survey v2022
Drone Deploy	Tribrachs & Prisms	Trimble Business Center (TBC) v2025.1
	Topcon Tribrachs	ESRI ArcGIS Pro
	Topcon Single Prisms with Adaptors	

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
ALCOSAN Ohio River Tunnel Pittsburgh, PA	Allegheny County Sanitary Authority 3300 Preble Avenue Pittsburgh, PA 15233	Design of utilities, grading, water and sewer lines, hydrology and hydraulics.	\$850 Million	Project is in bid phase – construction not yet started
Hampton Roads Bridge and Tunnels Design-Build Hampton, VA	Virginia Department of Transportation 1401 E. Broad Street Richmond, VA 23219	Tunnel design.	\$3.96 Billion	Greater than 50% - expected to be completed in 2027.
Pittsburgh Water Highland Pump Station and Rising Main Pittsburgh, PA	Pittsburgh Water 1200 Penn Avenue Pittsburgh, PA 15222	Design of a new pump station and rising main to serve the Highland Reservoir service area of the Pittsburgh Water system.	\$43 Million	76%
Engineer of record for the Municipal Authority Lower Burrell, PA	Lower Burrell Municipal Authority 2800 Bethel Street Lower Burrell, PA 15068	Engineer of record for the municipal authority responsible for attending monthly board meetings, preparation of a monthly engineering report, review and provided recommendation to resolve operational and maintenance issues, review tap application fees,and prepare an annual report and operations budget in accordance with sewer bond requirements.	Multiple on-going projects	(2018 – Present)
Engineer of Record for the Municipal Sanitary Authority New Kensington, PA	Municipal Sanitary Authority of the City of New Kensington (MSANK) 920 Barnes Street New Kensington, PA 15068	Production of Annual Report for MSANK including each Chapter 94 Wasteload Management Report and each Annual Pre-Treatment Report. Management of all collection system and treatment plant construction projects on behalf of the client	Multiple on-going projects	(2018 – Present)
TOTAL NUMBER OF PROJECTS : 7 selected projects		TOTAL ESTIMATED CONSTRUCTION COSTS : \$ greater than \$4 Billion		


16. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS SERVING AS A SUB-CONSULTANT TO OTHERS

PROJECT NAME, TYPE AND LOCATION	NATURE OF FIRMS RESPONSIBILITY	NAME AND ADDRESS OF OWNER	ESTIMATED COMPLETION DATE	ESTIMATED CONSTRUCTION COST	
				ENTIRE PROJECT	YOUR FIRMS RESPONSIBILITY
National Park Service Potomac River and Tidal Basin Seawall Project Washington DC	Mott MacDonald as the designer integrated NPS requirements to rehabilitate the seawall to its functional height, eliminate subsidence utilizing pier-based structure, and reusing existing stones to match historical aesthetics, view ports, and integrate the cultural National Park aspects at the Tidal Basin and along the Potomac River. Significant efforts to preserve the park character while incorporating engineering elements for sustainment of flood protection and to minimize sea level rise impacts have been incorporated. Mott MacDonald completed final environmental permitting documentation, historical and cultural concepts, and landscaping approvals by the local Commission of Fine Arts (CFA).	National Park Service 1100 Ohio Drive, SW Washington, DC 20242	February 2027	\$113M	\$6.5M
Big Creek Tunnel, Water/Wastewater – CSO Control Cleveland, OH	Working as a major subconsultant to Wade Trim, supporting the Pre-Design, Detailed Design, and Construction Management Services (i.e., Resident Field Representative)	Northeast Ohio Regional Sewer District (NEORS D) 3900 Euclid Avenue Cleveland, OH 44115	Design: Q2 of 2026; Construction: Q2 of 2031	\$365MM (30% design cost estimate, currently working on 60% design estimate	Mott MacDonald is involved in most every aspect of the project so responsible for the design of Underground Structures, Geotechnical Investigations, Geotechnical Data Report, Geotechnical Baseline Report, Geotechnical Instrumentation, Engineers Cost Estimate, Technical Specifications, and Resident Engineering services during Construction. need a cost here – may be the same as entire
Lardner's Point Pumping Station Replacement/ Rehabilitation, Philadelphia, PA	Large on-site and off-site transmission main design, 48"-96	Brown & Caldwell 535 Route 38 East Suite 162A Cherry Hill, NJ 08002	Our 5-year contract will end November 30, 2025	~\$300M	~\$35M

Condition Assessment of Buried Water Assets Laurel, MD	Mott MacDonald is part of the Carollo Condition Assessment team for metallic mains and buried water WSSC assets. Mott MacDonald is providing support in the areas of coordination, oversight, planning and execution of the inspection and condition assessment of metallic water mains. Mott MacDonald has provided support in the areas of inspection tool research, evaluation, and recommendations for future WSSC contract development. Mott MacDonald has also provided support in the areas of site safety planning and permitting. Subconsultant to Carollo	WSSC Water (Washington Suburban Sanitary Commission), 14501 Sweitzer Lane Laurel, MD 20707	March 2026	N/A. Project is currently in the Condition Assessment phase. WSSC has recently awarded inspection contracts to inspection tool providers and contractors.	Entire Project - \$3,000,000 est. (Design fee, Carollo contract) Your Firms Responsibility – \$289,000 (Design fee)
DC Water Program Management Washington, DC	Program Management, Water Quality, Drinking water quality distribution system monitoring and optimization, CIP Planning, Data Analytics, Design, Engineering Services During Construction, Field Support, Funding Program Support/Loan Applications, GIS / Data Management, Data QAQC, Public Engagement, Communications, Pipe Condition Assessment, Hydraulic Modeling, CM Services, Asset Management And Consultant management. Subconsultant to McKissack & McKissack	District of Columbia Water and Sewer Authority 1385 Canal Street, SE Washington, DC 20003	On-Going work	10-year capital improvement program that includes projects worth \$640 million.	

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Arlington Boulevard Stormwater Mitigation Hydraulic modeling, Preliminary Engineering report and identification of design alternatives Huntington, WV	Huntington Stormwater Utility 555 7th Avenue, Huntington, WV 25701	\$3.7 Million	2023	NO
Removal of old Steel Mill at RIDC Industrial Park, Construction management and inspection services for the demolition of an old steel mill including grading and utility relocation. Pittsburgh, PA	RIDC Industrial Park 566 Alpha Drive Pittsburgh, PA 15238	\$1 Billion project includes development of land after demo	2023	YES – Demo completed

18. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS CONSTRUCTION OVERSIGHT ON PROJECTS				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
36" Replacement, Distribution System Infrastructure Charge (DSIC) Dunbar, WV	West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302	\$3,150,000	2023	YES
Washington Street (Morris to Shrewsbury), (DSIC) Charleston, WV	West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302	\$1,534,000	2021	YES
Stadium Drive (Phases 1-3), (DSIC) Bluefield, WV	West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302	\$1,505,000	2020-2023	YES
Reese Harmon Ridge Rd (Phase 2), (DSIC) Rock, WV	West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302	\$989,000	2020	YES
Jefferson Road, WVDOH Relocation Charleston, WV	West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302	\$1,233,500	2022-2023	YES
WV 622 Cross Lanes, WVDOH Relocation Cross Lanes, WV	West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302	\$1,093,100	2023-2024	YES
Loop, Red Star, (DSIC), Red Star, WV	West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302	\$982,000	2021	YES
Hal Greer Blvd., WVDOH Relocation Huntington, WV	West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302	\$822,910	2023	YES

19. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)					
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH
NYCDEP Bergen Basin Sewer Project - Trenchless technology, tunnel engineering, geotechnical New York, NY	The New York City Department of Environmental Protection (NYCDEP) 59-17 Junction Boulevard Flushing, NY 11373	\$10 Million	2023	YES	Hazen & Sawyer
20. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the West Virginia Abandoned Mine Lands Program.					
21. The foregoing is a statement of facts.					
Signature: <u></u>			Title: <u>Senior Vice President</u>		Date: <u>August 20, 2025</u>
Printed Name: <u>Dan Koprowski</u>					

A large, teal-colored abstract shape, resembling a stylized leaf or a drop with a notch, is positioned on the left side of the page. It is set against a solid black background. The shape has a smooth, curved edge on the left and bottom, and a sharp, V-shaped notch at the top center.

ATTACHMENT B

PROJECT EXPERIENCE REQUIREMENTS

A large, teal-colored abstract shape, resembling a stylized leaf or a drop with a notch, is positioned on the left side of the page. It is set against a solid black background. The shape has a smooth, curved edge on the left and bottom, and a sharp, pointed notch at the top center.

REQUIRED FORMS

WEST VIRGINIA BOARD OF PROFESSIONAL SURVEYORS



Certificate of Authorization

Mott MacDonald, LLC
Charleston, WV



CERTIFICATE OF AUTHORIZATION # 25-5733

This certificate is issued by the West Virginia Board of Professional Surveyors in accordance with W.Va. Code §30-13A-20
The person or organization identified on this certificate is licensed to conduct professional surveying and mapping
services in the State of West Virginia for the period

January 1, 2024 through December 31, 2025

This certificate is not transferable and must be displayed at the office location for which issued.

In witness whereof, I have put my hand, this 01 day of January 25

2025

Sefton R. Stewart, P.S., Chairman
Lantz G. Rankin, P.S., Member



James T. Rayburn, P.S., Secretary
Gary Facemyer, P.E, P.S., Member

Douglas C. McElwee, Esq.

Public Member

CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers
having verified the person in responsible charge is registered in
West Virginia as a professional engineer for the noted firm, hereby certifies*

MOTT MACDONALD, LLC

C02536-00

Engineer in Responsible Charge: STEPHEN BRADLEY POLEN - WV PE 022401

*has complied with section §30-13-17 of the West Virginia Code governing
the issuance of a Certificate of Authorization. The Board hereby notifies you of its
certification with issuance of this Certification of Authorization for the period of:*

January 1, 2024 - December 31, 2025

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA
UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

Scott E. Thomas Jr.

BOARD PRESIDENT

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Jennifer Miller, Principal Project Manager

(Address) 201 Pennsylvania Avenue, Suite #400, Charleston, WV

(Phone Number) / (Fax Number) 304.617.0755

(email address) jennifer.miller@mottmac.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor’s behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Mott MacDonald, LLC

(Company) 

(Signature of Authorized Representative)

Dan Koprowski, Senior Vice President August 20, 2025

(Printed Name and Title of Authorized Representative) (Date)

571.321.5663

(Phone Number) (Fax Number)

daniel.koprowski@mottmac.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOR 0313 DEP2600000001

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor’s representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Mott MacDonald, LLC

Company


Authorized Signature

August 20, 2025

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

ABANDONED MINE LANDS (AML) CONTRACTOR INFORMATION FORM

You must complete this form for your AML contracting officer to request an eligibility evaluation from the Office of Surface Mining Reclamation and Enforcement (OSMRE) to determine if you are eligible to receive an AML contract. This requirement can be found under OSMRE's regulations at 30 CFR 874.16. **NOTE:** This form must be signed and **dated within 30 days** of submission to be considered for a current bid.

Part A: General Information

Business Name: Mott MacDonald, LLC
Tax ID #: 16-1006700
Address: 201 Pennsylvania Avenue, Suite 400
City, State, & Zip: Charleston, WV 25302
Phone Number: 304.617.0755
Email Address: Jennifer.Miller@mottmac.com

Part B: Obtain an Organizational Family Tree (OFT) from the Applicant Violator System (AVS)

If you plan to certify the existing AVS information or submit updates under Part C, you must include an OFT. Instructions for downloading an OFT from the AVS can be found at: <https://www.osmre.gov/sites/default/files/2022-02/OMB%201029-0119%20instructions.pdf>. If you require assistance you may contact the AVS Office by phone at: 800-643-9748, or by email at: avshelp@osmre.gov.

Part C: Certifying and updating information in the AVS

Select one of the options, follow the instructions for the selected option, sign, and date below.

I, Jennifer J. Miller, have express authority to certify that:
(Print Name)

- ☐ 1. Our business is listed in the AVS. The information is accurate, complete, and up to date. (If you select this option, you must attach an Entity OFT from the AVS to this form). Do not complete Part D.
- ☐ 2. Our business is in the AVS. The information needs to be updated. (If you select this option, you must attach an Entity OFT from the AVS to this form). Complete Part D to provide the missing or corrected information.
- ☒ 3. Our business is not listed in the AVS. The information needs to be added. Complete Part D to provide the information.

August 20, 2025
Date

Jennifer J. Miller
Signature

Principal Project Manager
Title

AML and RELATED PROJECT EXPERIENCE MATRIX

PROJECT	Exp. Basis C=Corp. P=Personnel	Additional Info Provided in Section (s)	PROJECT EXPERIENCE REQUIREMENTS																PRIMARY STAFF PARTICIPATION/CAPACITY *** M=Management P=Professional									
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrologic/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Nitigation/Replacement	Construction Inspection/Management	Water Treatment	Active/Passive Water Treatment Systems	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Jeremiah Cline	Chris Henry	Eddy Grey	Mike King	Mark Young	John Green	Eric Bess	Jane Rowan	Kevin Games	
Maurin Fire & Portals Project	C, P	20, 13	X		X			X			X	X		X	X				P									
Hydrological Flow Assessment Study	C, P	20, 13		X		X			X								X			P								
Morris Creek Watershed Project	P	3	X									X		X	X		X				M, P	M, P			M, P			
Route 60 Drainage AML	P	3	X		X	X					X			X	X		X	X					M, P					
Richard Mine Acid Mine Drainage	P	3		X		X																M, P						
Heizer Creek AML	P	3	X		X	X					X			X	X		X	X					M, P					
Wolfpen AML	P	3	X		X	X					X			X	X		X	X					M, P					
Winona AML	P	3	X			X											X							P				
Trasher Abandoned Mine Lands	P	3	X																					P				
Barker Portals and Strip Abandoned Mine	P	3	X																					P				
Mine Operations	P	3	X	X		X	X		X		X	X	X	X	X	X		X						M, P				
Waste Management Wetlands	P	3	X									X			X										P	P		
Study of Big Run Peat Bog	C, P	20, 13	X									X			X										P	P		
Lower Burning Creek Refuse	P	3	X		X	X											X								P	P		
Dawmont Refuse	P	3			X	X											X								P	P		
Helen Refuse	P	3			X	X											X								P	P		
Upshur 10/15 Portals	P	3			X	X											X								P	P		
List whether project experience is corporate or personnel based and with																												

* List whether project experience is corporate or personnel based or both.
** Use this area to provide specific sections or pages if needed for reference.
*** List Primary Design personnel and their functional capacity for the projects listed.