

Rock Island District

S River Basins | S States | 900- Professionals Serving Our Nation Since 1966

Deliver vital engineering and water resources solutions in collaboration with our partners to secure our Nation, reduce disaster risk and enhance quality of life, providing value to the region and Nation.

1850

97

38

10

BUILDING STRONG. Upon the ROCK!



146 Levee Drainage Systems >900 Miles of Levees 5 Reservoirs in lowa and litinois >\$17 B Flood Damages Prevented



Lead Federal Regulatory Agency In lowa and Illinois 1,500 Permits issued in FY22.



Heerention

Flood Fight Supplies Provided to the Nation

4.2 M Standard Sandbaos 6,000 Large (airlift) Sandbags >6 Miles HESCO Gabion Baskets >2 Miles Polyethylene Sheeting Portable Pumps



Campaites

Boat Ramps

Recreation Sites

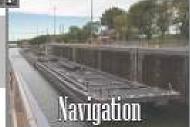
Swimming Beaches Visitor Centers 15.8 M Annual Visitation

Environmental Stewardship

Lipper Minninsippi Pitrer Prestoration Projects

in Planning/Design Under Construction Completed to Date 119,000 Acres Restored to Date \$55M Annual Budget

Lock & Dam Sites Miles of Navigation 396 M Tonnage Locked >S1 B Annual Cost Benefit



Commander & District Engineer Col. Jesse, T. Curry

Deputy District Engineer/ PPMD Chief Kimberly Thomas, P.E.

> Deputy Commander Brunson Grothus (acting)

Engineering & Construction Roger Perk, P.E.

Resource Management Celeste Iversen

> Real Estate Paul St. Louis

Operations Thomas Helnold, P.E.

Scott Harris

Regulatory Ward Lenz Contracting

tot soley

Mississippl

River Basin

National Centers

Illinois River Basin

ILLINOIS

WISCONSIN

Rock Island

Fox River

Basin

Inland Navigation Design National Flood Fight Center Lenna Hawkins, P.E.

Materials Center Sarah Jones



H US Army Corps of Engineers. **Book Island District**



ROCK ISLAND DISTRICT SMALL BUSINESS PROGRAM



Provides outreach and information to ensure small businesses have the maximum practicable opportunity to participate in Rock Island District acquisitions through contracts



Examples of Outreach and Informational Events include:

SAME Small Business Conferences Roundtable Discussions SAME Industry Days District Industry Days National Industry Meetings



SB Programs/Goals	FY22 and FY23 Goals	FY22 Actual Obligations	FY22 Actual %
Small Business	48%	\$115,026,457	41.28%
Small Disadvantaged Business	30%	\$60,855,160	21.84%
Woman Owned SB	12%	\$40,222,716	14.14%
HUBZone	14%	\$31,415,897	11.27%
Service-Disabled Veteran SB	5%	\$23,926,752	8.59%

Total FY22 Contracting Obligations = \$278,639,355

Forecasted FY23 Contracting Obligations = \$300M

Program website: https://www.mvr.usace.army.mil/Business-With-Us/Small-Business/



FY23 FUNDING



Rock Island District FY23 Appropriations - \$349M

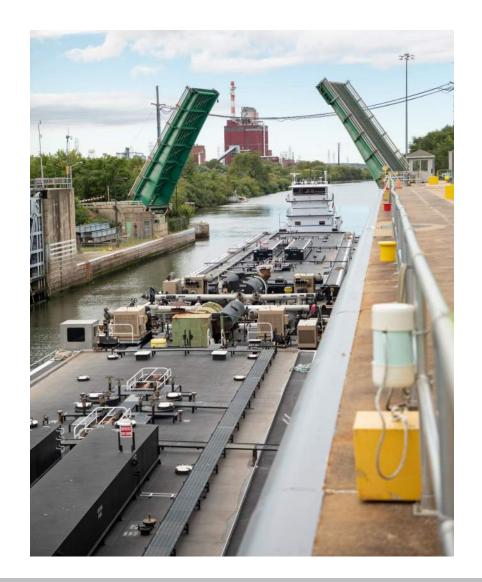
INVESTIGATIONS - \$0M

CONSTRUCTION - \$170.6M

- > NESP \$67.7M
- ➤ UMRR \$55M
- > BRIP \$47.9M

OPERATIONS & MAINTENANCE - \$178.3M

- Mississippi River \$74.530M
- ➤ Illinois Waterway \$75.564M
- ➤ Saylorville Lake \$12.306M
- ➤ Lake Red Rock \$9.234M
- Coralville Lake \$5.244M
- > Farm Creek \$709K
- ➤ Davenport Small Boat Harbor \$750k



ROCK ISLAND DISTRICT FUNDING TRENDS







UPPER MISSISSIPPI RIVER RESTORATION (UMRR)



Design/Construction Underway

- Steamboat Island
- Beaver Island
- ➤ Keithsburg Division

Feasibility Underway

- ➤ Lower Pool 13
- ➢ Green Island
- ➤ Pool 12 Forestry
- Quincy Bay
- Lower Pool 13Phase II







OPERATIONS & MAINTENANCE – MISSISSIPPI RIVER



Mississippi River Project (ongoing)

- Sheetpile Repair
- Valve Replacement
- Kevel Rail Replacement
- Lock Guidewall Work
- Dam Gate Fabrication
- Electrical & Controls Work
- Crane Supply
- Dredging





OPERATIONS & MAINTENANCE - ILLINOIS WATERWAY [EST



Illinois Waterway Project

- 2023 Closures Work (ongoing)
- Dam Operating Equipment
- **Electrical & Controls Work**
- Concrete Pier & Gate & Machinery Replacement
- Gate Fabrication
- Dredging







ILLINOIS WATERWAY CONSOLIDATED CLOSURES

2023

- Brandon Road Lock and Dam Upper Miter Gate Installation & Machinery Replacement
 - Full closure scheduled <u>120 days</u> (June 1-Sept. 30, 2023)
 - (construction contract awarded in 2021)
- Dresden Island Lock and Dam Upper Miter Gate Installation, Valve Replacement, Machinery Replacement, and Electrical System Replacement
 - Full closure scheduled 120 days (June 1-Sept. 30, 2023)
 - (construction contract awarded in 2021)
- ➤ Marseilles Lock and Dam Electrical Crossover Replacement
 - Full closure scheduled 120 days (June 1-Sept. 30, 2023)
 - (supply contract only, to be awarded spring 2023)



Project website: https://www.mvr.usace.army.mil/Missions/Navigation/Navigation-Status/



OPERATIONS & MAINTENANCE – FLOOD RISK MANAGEMENT LAKES









Lake Red Rock (\$14.5M BIL)

- Construction of New Project Office and Visitor Center
- **Replace Damaged Roofs**
- Water Infrastructure Updates
- Shoreline Erosion and Parking Lot Repairs





Coralville Lake (\$2.6M BIL)

- **Shoreline Erosion Repairs**
- Road Repair
- Address Damaged Restrooms and **Shower Buildings**
- **Control Tower Maintenance**
- Sandblast/Paint Water Tower
- Ranger & Admin Building renovations

U.S. ARMY

RESERVOIR







Project	Location	Anticipated Advertisement	Estimated Range	
DB - Saylorville Lake Admin and Maintenance BLDG and Lake Red Rock Admin/VC BLDG	Johnston and Pella, IA	2 nd Qtr FY23	\$25M+	
DB – Coralville Lake Ranger and Admin BLDG	Coralville, IA	3 rd Qtr FY23	\$1M-\$5M	
Saylorville Barrier Dam Sluice Gate Repair	Johnston, IA	3 rd Qtr FY23	\$1M-\$5M	
Saylorville Control Tower – Sluice Gate Fabrication and Mechanical Rehab System	Johnston, IA	3 rd Qtr FY23	\$5M-\$10M	



PL 84-99 REHABILITATION STATUS



Design Phase: 1

Solicitation/Contract Negotiation: 0

Contract Award/In Construction: 5

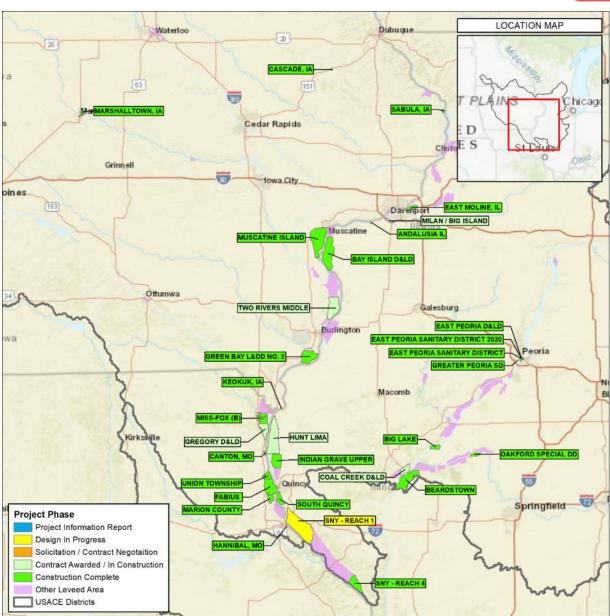
Complete: 25

Total Projects: 31



Program website:

https://www.mvr.usace.army.mil/Missions/Flood-Risk-Management/Levee-Safety-Program/Public-Law-84-99-Program/





FLOOD RISK MANAGEMENT







Project	Location	Anticipated Advertisement	Estimated Range
Sny Island – Pigeon Creek (PL84-99)	Hull, IL	3 rd Qtr FY23	\$250-500K
Dubuque Forced Sewer Main CAP Sec 14	Dubuque, IA	2 nd Qtr FY24	\$1M-\$5M



NAVIGATION & STRUCTURAL







Project	Location	Anticipated Advertisement	Estimated Range	
Lock 13 Filling and Emptying Valves	Fulton, IL	3 rd Qtr FY23	\$1M-\$5M	
Lock 17 Upper Guide wall Sheet Pile Transition Repair	New Boston, IL	3 rd Qtr FY23	\$1M-\$5M	
Marseilles Electrical System	Marseilles, IL	3 rd Qtr FY23	\$10M-\$25M	
Brandon Rd Dam Piers, Gate Machinery, Gates	Will County, IL	3 rd Qtr FY23	\$10M-\$25M	
Starved Rock Tainter Gate Fabrication	LaSalle County, IL	3 rd Qtr FY23	\$1M-\$5M	
Peoria PLC System	Peoria, IL	TBD	\$250-\$500K	
Peoria Lock & Dam - Repair Roads/Parking and Boat Ramps	Peoria, IL	TBD	\$1M-\$5M	



CIVIL, CHANNEL & ECOSYSTEM RESTORATION







Project	Location	Anticipated Advertisement	Estimated Range
UMRR Steamboat Island Stage 2 HREP	Clinton, IA	1st Qtr FY24	\$1M-\$5M



BUILDING RENOVATIONS – 88TH RD & OTHERS







Project	Location	Anticipated Advertisement	Estimated Range
88th RD - Construct Unheated Storage Building	Ft. Sheridan, IL	2nd Qtr FY23	\$1M-\$5M
88th RD - Repair HVAC & Electrical Systems, ARC Building	Inkster, MI	3rd Qtr FY23	\$1M-\$5M
88th RD - Upgrade & Repair HVAC and Electrical Systems, Bldg. 506	Ft. Snelling, MN	3rd Qtr FY23	\$1M-\$5M
88 th RD - Repair Storm Drainage and Erosion	Muskegon, MI	3rd Qtr FY23	\$1M-\$5M
88th RD - Repair HVAC and Remediation, Building 705	Ft. Sheridan, IL	4th Qtr FY23	\$1M-\$5M
Clock Tower Third Floor Renovations	Rock Island, IL	1st Qtr FY24	\$1M-\$5M
Detroit Area Office – Building 404 Renovation	Detroit, MI	2nd Qtr FY24	\$1M-\$5M
DB – Red Rock Admin Bldg/Visitor Center & Saylorville Admin and Maintenance Bldgs	Des Moines & Pella, IA	2nd Qtr FY23	\$10M-\$25M
DB - Coralville Ranger and Admin Bldg	Coralville, IA	3rd Qtr FY23	\$500K-\$1M



INLAND NAVIGATION DESIGN CENTER (INDC)



The Inland Navigation Design Center (INDC) Mandatory Center of Expertise (headquartered in the Rock Island District) provides engineering, design, analysis, and review services for studies, new locks, new navigational dams, major rehabilitation of existing inland navigation locks and dams, and significant inland navigation lock and dam operations and maintenance projects, while promoting quality design and consistency in design and technical competency.





INDC is currently the designer of record for the:

- Soo Locks
- **Upper Ohio Locks**
- **Brandon Road Interbasin Project**
- **Brazos River Floodgates**
- Lock 25 (NESP)



BRANDON ROAD INTERBASIN PROJECT



U.S. ARMY

INCREMENT I-A

- Automated Barge Clearing Deterrent
- Leading Edge Bubble Deterrent
- Leading Edge Acoustic Deterrent Array
- Leading Edge Support Facilities
- Upstream Boat Launch

INCREMENT I-B

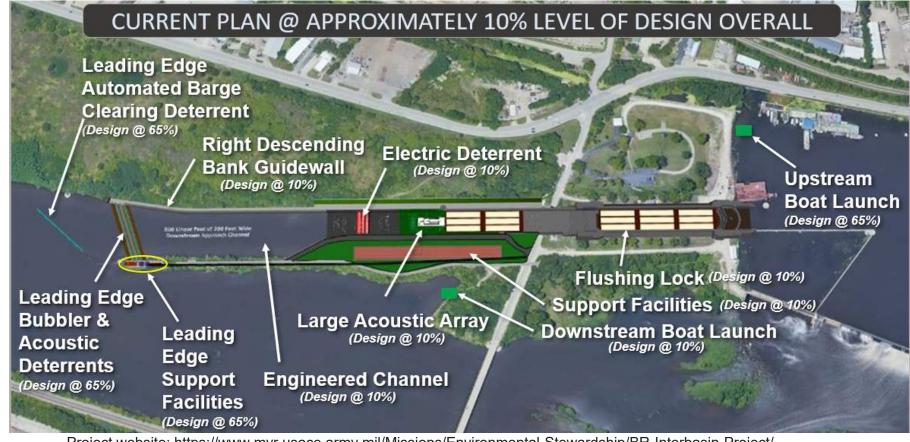
- Site Prep
- Channel Rock Excavation

INCREMENT II

- · Electric Deterrent
- Large Acoustic Deterrent Array
- Support Facilities
- Engineered Channel floor & walls for the electric & large acoustic deterrents
- Flushing Lock
- Downstream Boat Launch

INCREMENT III

- Finish Engineered Channel
- Connect RDB Wall to Lower Guidewall



Project website: https://www.mvr.usace.army.mil/Missions/Environmental-Stewardship/BR-Interbasin-Project/

Project	Anticipated Contract Type	Anticipated Advertisement ¹	Estimated Range
Increment I-A Construction	Construction	1st Qtr FY24	\$100M-\$200M
Increment II & III AE Design	AE Services	1st Qtr FY24	\$25M-\$75M
Increment I-B Construction	Design Build	4 th Qtr FY24	\$100M-\$200M
Increment II Construction	Construction	2 nd Qtr FY26	\$400M-\$600M
Increment III Construction	Construction	2 nd Qtr FY29	\$25M-\$50M



BRANDON ROAD INTERBASIN PROJECT



Increment I-A Site Features



Project	Anticipated Contract Type	Anticipated Advertisement ¹	Estimated Range
Increment I-A Construction	Construction	1st Qtr FY24	\$100M-\$200M



NAVIGATION & ECOSYSTEM SUSTAINABILITY PROGRAM (NESP)





NAVIGATION AND ECOSYSTEM SUSTAINABILITY PROGRAM (NESP)

ST. PAUL DISTRICT- ROCK ISLAND DISTRICT - ST. LOUIS DISTRICT

NAVIGATION AND ECOSYSTEMS PROJECTS



The Navigation and Ecosystem Sustainability Program [NESP] is a long-term, dual-purpose program that integrates navigation improvements and ecosystem restoration together to provide Upper Mississippi River System once in a generation-type positive impacts.

The primary goals of the program are to increase the capacity and improve the reliability of the inland navigation system while restoring, protecting, and enhancing the environment.

This map only shows projects actively being implemented. NESP includes an additional 5 - 1200' locks, systemic mitigation, and hundreds of ecosystem restoration projects.

ACTIVE IMPLEMENTATION

- Lock 25 New 1200' Lock
- Lock and Dam 22 Fish Passage Improvement Project
- Pool 2 Wingdam Notching
- Systemic Mitigation Pool 4 Island 4
- Lock 14 Mooring Cell
- Starved Rock Breakwater
- LaGrange New 1200' Lock Design
- Moore's Towhead System Mitigation
- Twin Island Island Protection and Enhancement
- Alton Pools Islands Island Protection and Side Channel Restoration

FY22 ECOSYSTEM PROJECTS INITIATED

- Water Level Management Reduce Water Level
- Systemic Forest Restoration
- Multi-Pool Forest Restoration
- (1) Wacouta Bay
- Sny Magill, Effigy Mounds National Monument
- Sabula Lakes
- Andalusia Island Complex
- Pool 24 Island Restoration Denmark and Drift Islands
- Middle Mississippi River Stone Dike Alterations Phase 1

FY22 NAVIGATION PROJECTS INITIATED

Mooring Facilities

PARTNERS





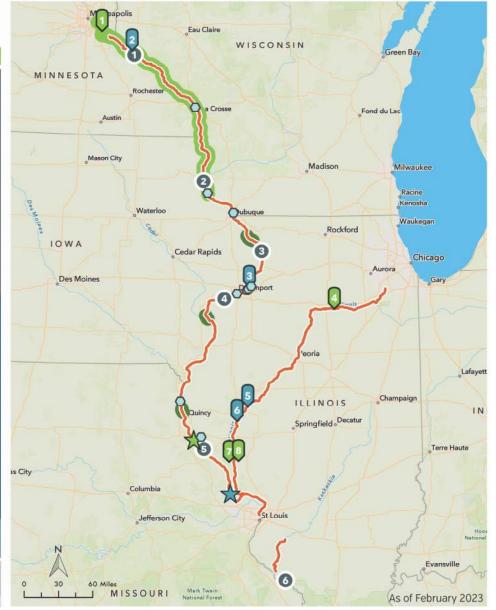














NESP UPCOMING SOLICITATIONS



Project	FY23 Contract Action	Approximate Solicitation Timeframe
NESP Navigation - Lock 25 New 1200' Lock (St Louis District)	Early Contractor Involvement Contract	3rd Quarter FY23
NESP Navigation - LaGrange New 1200' Lock (Rock Island District)	Architect/Engineer task order (35%-100% design)	3rd Quarter FY23
NESP Navigation – Pool 4 Islands (St Paul District)	Construction contract	3rd Quarter FY23
NESP Ecosystem – Starved Rock Breakwater (Rock Island District)	Construction contract	3rd Quarter FY23
NESP Ecosystem – Twin Island – Island Protection and Enhancement (St Louis District)	Construction contract	3rd Quarter FY23
NESP Ecosystem – Alton Pool Islands – Island Protection and Side Channel Restoration (St. Louis District)	Construction contract	3rd Quarter FY23
NESP Ecosystem – Andalusia Island Complex (Rock Island District)	Architect/Engineer task order for Project Implementation Report (PIR) development	3rd Quarter FY23

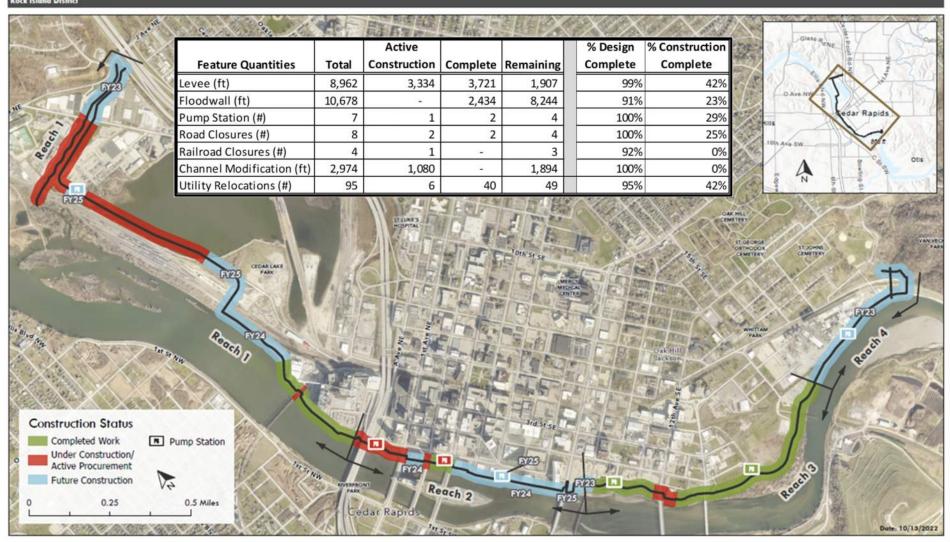


CEDAR RAPIDS, IOWA FLOOD RISK MANAGEMENT PROJECT





CEDAR RAPIDS FLOOD RISK MANAGEMENT CONSTRUCTION STATUS





CEDAR RAPIDS, IOWA FLOOD RISK MANAGEMENT PROJECT









Regional effort with design support from St. Paul District and Multiple AE's

Project	Location	Anticipated Advertisement	Estimated Range
EF Avenue Roller Gates, 2nd Avenue SE Closure Structure, A-Avenue Pump Station and Floodwall	Linn County, IA	1 st Qtr FY23 (A)	\$25M-\$50M
McLoud Run Lower Reach Culverts Option	Linn County, IA	2 nd Qtr FY23	\$1M-\$5M
McLoud Run Middle Reach Channel, Trail Bridge, Floodwall, 10th Avenue NE Road Raise	Linn County, IA	^{4th} Qtr FY23	\$10M-\$25M
CRANDIC RR Closure	Linn County, IA	3 rd Qtr FY23	\$1M-\$5M
Downstream River Floodwall, Pump Station, Culverts and Closures	Linn County, IA	4 th Qtr FY23	\$25M-\$50M
Downtown East Removable & Permanent Floodwall	Linn County, IA	2 nd Qtr FY24	\$25M-\$50M
Cedar Lake South Railyard Floodwall	Linn County, IA	2 nd Qtr FY24	\$10M-\$25M
Cedar Lake Pump Station	Linn County, IA	2 nd Qtr FY24	\$10M-\$25M
Cedar Lake Railyard Roller Gate Closure Structures	Linn County, IA	2 nd Qtr FY24	\$10M-\$25M
Cedar Lake South Shore Levee	Linn County, IA	1st Qtr FY25	\$5M-\$10M



SOUTHWEST COASTAL, LOUISIANA PROJECT OVERVIEW





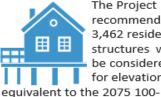
3,462 STRUCTURES ELIGIBLE TO

RESIDENTIAL BE RAISED

DRY FLOOD-PROOFING

Localized Reduction

The Project includes structures at or below the 2025- 25-year base flood elevation (BFE).



The Project recommends 3,462 residential structures will be considered for elevation

year BFE. Qualifying residential structures will be raised approximately 5 feet on average, but no higher than 13 feet.



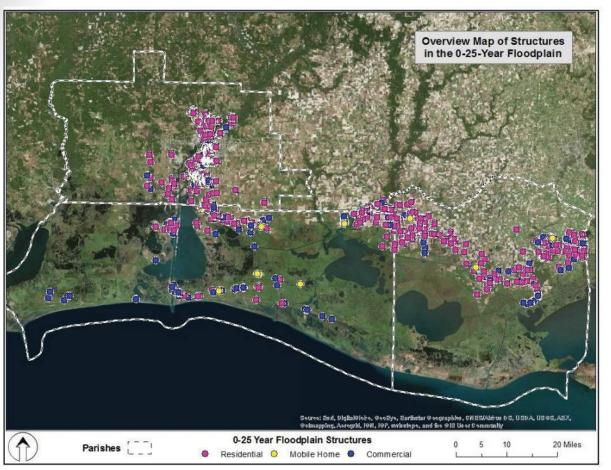
342 non-residential structures will be considered for dry floodproofing to 3 feet above ground.



Localized risk reduction measures (constructing berms) for 157 warehouses will be considered less than or equal to 6 feet above the ground.

NEXT STEPS

- Available Appropriations for Construction = \$296M
- Project Partnership Agreement expected in Apr 2023
- A&E Services support expected for screening and inspections
- Design Build Contracts required by Authorization



Location: Cameron, Calcasieu, and Vermilion Parishes



UPCOMING AE SERVICES IDIQ MATOC



- ~\$249 Million
- Shared Capacity between awarded contracts
 - Small Business Reserve \$40 Million
 - Task Orders <\$250,000 will go to small business
- Minimum 3 unrestricted (large business) contracts
- Minimum 3 restricted (small business) contracts
- Solicitation anticipated TBD
 - 45 days to respond to SF330 request
- Comprehensive Scope for AE design services
 - **Inland Navigation**
 - Flood Risk Management
 - Ecosystem Restoration
 - Others-vertical construction, construction management, survey, lab testing
 - Provides maximum flexibility in services needed for USACE





UPCOMING AE SERVICES IDIQ MATOC: TECHNICAL REQUIREMENTS



Location of Projects: The services will be performed primarily in connection with projects located within the St. Paul, Rock Island, and St. Louis District's geographic boundaries (all or portions of MN, ND, SD, WI, IL, MO and IA). However, individual task orders may be for work anywhere within the Continental United States (CONUS) or outside the Continental United States (OCONUS).

Primary Disciplines: structural, civil, geotechnical, geology, hydraulic, hydrologic, mechanical, electrical, specifications, and cost engineering

Other Disciplines: architecture, landscape architecture, construction engineering, surveying, environmental engineering, and cartography







UPCOMING EVENTS



August 2023? Southwest Coastal, Louisiana

Project Industry Day – Location TBD

July 12 2023 LaGrange Industry Day

1-3 November 2023 SAME Federal Small Business Conference,

San Antonio, Texas



DOING BUSINESS WITH US



USACE Small Business Program Guide

U.S. Small Business Administration

Basics DFARS clause

DoD Office of Small Business Programs

Small Business Regulatory Enforcement Fairness

Safeguarding Covered Defense Information: The

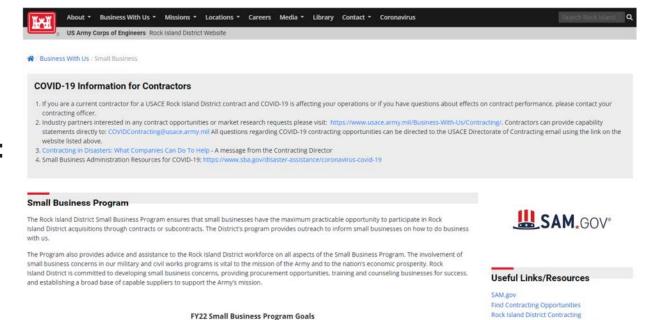
Websites for Industry Partners:

www.mvr.usace.army.mil/Business-With-Us/Small-Business/ www.mvr.usace.army.mil/Business-With-Us/Contracting/

- Upcoming training for industry or outreach events
- Contract Forecast Lists
- How-To's for Finding Opportunities
- **Subcontracting Opportunities**

Individualized Meetings Available to Discuss:

- Projects/programs and doing business with the District
- Potential connection with other District personnel and/or other resource partners
- Inclusion on District email list for ongoing communication



Small Business Programs

Service Disabled Veteran Owned Small Business 5%

Small Business

Woman Owned Small Business

HUBZone Small Business



STAY CONNECTED



On Social Media



www.linkedin.com/company/us-army-corps-of-

engineers-rock-island-district



www.facebook.com/RockIslandDistrictUSACE



https://twitter.com/USACERockIsland



www.instagram.com/usacerockisland/



www.youtube.com/c/USACERockIslandDistrict

On Mobile Devices

Download the USACE Rock Island Mobile App



Available on Apple and Android devices

POINTS OF CONTACT



Rock Island District Commander

Col. Jesse Curry (309) 794-5249

Roger Perk

(309) 794-5227

Programs & Project Management

Kimberly Thomas

(309) 794-5260

Operations Division

Tom Heinold

(309) 794-5401

Construction Branch

Richard Busch

(309) 794-5480

Contracting Division

Scott Harris

(309) 794-5628

Small Business Programs

Troy Robbins

(309) 794-5205

Regulatory Branch

Ward Lenz

(309) 794-5370

Emergency Management

Sarah Jones

(309) 794-5206

Inland Navigation Design Center

Lenna Hawkins

(412) 862-7536





QUESTIONS?

troy.a.robbins@usace.army.mil