### Federal Business Opportunities (FedBizOpps) Update

Notices for July 17-23, 2017

This update contains summaries of procurement notices issued between July 17-23, 2017 that pertain to hazardous waste, investigation and cleanup of environmental contamination, and related environmental topics. However, it does not necessarily contain EVERY notice on these topics.

If you would like to search for additional current and archived notices, or receive notification of solicitation amendments, please visit the FedBizOpps web site.

## HASSELL ISLAND ACM MITIGATION (COMBINE) **SOL:** P17PS02165

**DUE:** 073117

**DUE:** 073117 **POC:** Stephen Back, stephen back@nps.gov. **WEB:** FBO.gov Permalink at https://www.fbo.gov/spq/DOI/NPS/APC-IS/P17PS02165/listing.html **NAICS:** 562910. This announcement constitutes the only solicitation; quotations are being requested, and a written solicitation will not be issued. The resultant purchase order will be awarded using simplified acquisition procedures in accordance with FAR 13.5. THIS IS A TOTAL SMALL BUSINESS SET ASIDE under NAICS code 562910 (Remediation Services), size standard of \$20.5M. The National Park Service, South Major Acquisition Buying Office has a requirement for Asbestos Removal for Virgin Islands National Park, Hassel Island. The Government intends to award a firm-fixed-price contract to the firm that provides the best value without discussions in accordance with FAR 13.106-2. All responsible sources may submit a quotation, which if timely received, shall be considered by the Agency. An offeror must ensure that they are self-certified under NAICS code 562910 in the Representations and Certifications portion of SAM.gov. QUOTES MUST BE RECEIVED BY OR BEFORE 5 PM ET ON MONDAY, JULY 31, 2017, via email to stephen back@nps.gov. **CITE:** 

https://www.fbo.gov/index?s=opportunity&mode=form&id=45480bbc8ec2be1fa01ca6fca4cfc3dc&tab=core& cview=0 Posted: 07/21/17 SPONSOR: Department of the Interior, National Park Service, PUBLICATION DATE: July 23, 2017

**ISSUE:** FBO-5721

### F--657-17-3-3978-0105 ASBESTOS AND LEAD SURVEY - PB (SOL)

F--657-17-3-3978-0105 ASBESTOS AND LEAD SURVEY - PB (SOL)
SOL: VA25517Q0740
DUE: 080717
POC: Karen E Maggart, Contract Specialist, 913-946-1992, karen.maggart@va.gov.
WEB: FBO.gov Permalink at https://www.fbo.gov/spq/VA/LeVAMC/VAMCKS/VA25517Q0740/listing.html
NAICS: 541620. The Department of Veterans Affairs, Network 15 Contracting Office has a requirement for the Poplar Bluff VA Medical Center, which is located at 1500 N. Westwood Blvd, Poplar Bluff, MO 63901. Contractor shall provide a comprehensive asbestos and lead building inspection and prepare and furnish a management plan for any prescribed asbestos and lead remediation response actions. The NAICS code is 541620 and the size standard is \$15 million. THIS ACQUISITION IS SET-ASIDE FOR SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESSES (SDVOSBs) as so registered at www.vetbiz.gov. The details including full specifications are included in the Request for Quote at FedBizOpps. OFFERS MUST BE RECEIVED BY OR BEFORE 5:00 PM CT ON AUGUST 7, 2017.

CITE:

https://www.fbo.gov/?s=opportunity&mode=form&id=2a76e9595e7470bfe878619838d4ed52&tab=core&cview=1
Posted: 07/20/17
SPONSOR: Department of Veterans Affairs, VA Heartland Network, Leavenworth, KS.
PUBLICATION DATE: July 22, 2017

**ISSUE:** FBO-5720

# ASBESTOS ABATEMENT AND REMEDIATION/SNELL LOCK (COMBINE) SOL: DTSL5517Q0750 DUE: 080817

POC: Jason C. Brockway, Contract Specialist, <a href="mailto:jason.brockway@dot.gov">jason.brockway@dot.gov</a>, 315-764-3252; Steven P. Latulipe, Contract Specialist, <a href="mailto:steven.latulipe@dot.gov">jason.brockway@dot.gov</a>, 315-764-3252; Steven P. Latulipe, Contract Specialist, <a href="mailto:steven.latulipe@dot.gov">steven.latulipe@dot.gov</a>, 315-764-3260.

WEB: FBO.gov Permalink at <a href="https://www.fbo.gov/spq/DOT/SLSDC/SLSDCHO/DTSL551700750/listing.html">https://www.fbo.gov/spq/DOT/SLSDC/SLSDCHO/DTSL551700750/listing.html</a>

NAICS: 562910. THIS ACQUISITION IS A TOTAL SMALL BUSINESS SET-ASIDE. This announcement constitutes the only solicitation; quotes (offers) are being requested and a written solicitation will not be issued. The applicable NAICS code is 562910 and the size standard is \$20.5M. Basic requirement: Abate asbestos cementitious insulation on 50 fittings, 1 partition in the gallery that consists of approximately 18 square feet of asbestos-cement (transite) panels, and approximately 10 linear feet of asbestos containing insulation covering the waterline. Ontional requirements: and approximately 10 linear feet of asbestos containing insulation covering the waterline. Optional requirements Remove from steel water piping the non-asbestos insulation located sporadically amongst 2 waterlines (one potable and one raw water), each line spanning ~1,000 linear feet; Remove and dispose of approximately 1,000 feet of waterline and appurtenances (i.e., hangars/supports, valves, etc.) (waterline would be isolated by SLSDC prior to demolition); and Perform final site cleanup, which includes wet-wiping/mopping all overheads, bulkheads, horizontal surfaces, including but not limited to cable trays and panels, etc., cleaning all intakes/filters from upstream spreader room to downstream spreader room, and obtaining satisfactory air test results prior to returning the space back to the SLSDC. Location of the project is Snell Lock, 145 Snell Lock Road, Massena, NY. All work, including cleanup, must be completed by December 21, 2017. A site visit will be conducted at 9:00 AM on Tuesday, August 1, 2017. OFFERS MUST BE RECEIVED BY OR BEFORE 4:00 PM ET ON TUESDAY, AUGUST 8, 2017.

https://www.fbo.gov/index?s=opportunity&mode=form&id=3179de5ae109690ec478a53c8189fba9&tab=core& cview=0 Posted: 07/20/17 SPONSOR: Department of Transportation, St. Lawrence Seaway Development Corporation, Massena, NY. PUBLICATION DATE: July 22, 2017

ISSUE: FBO-5720

### **GREAT LAKES ARCHITECT ENGINEER SERVICES (GLAES) II (SRCSGT)**

**SOL:** SOL-R5-17-00006 **DUE:** 081117

POC: Latrice Haggerty, Haggerty.Latrice@epa.gov.

WEB: FBO.gov Permalink at <a href="https://www.fbo.gov/spq/EPA/OAM/MMC-10J/SOL-R5-17-00006/listing.html">https://www.fbo.gov/spq/EPA/OAM/MMC-10J/SOL-R5-17-00006/listing.html</a>

NAICS: 562910. There is no solicitation at this time. This request for capability information does not constitute a request for proposals, and submission of any information in response to this market survey is purely voluntary. U.S. EPA Region 5 is seeking support for the Architect-Engineering Services for Remedial Design class of contracts for the Great Lakes National Program Office (GLNPO) to support contaminated sediment activities taken under the Great Lakes Legacy Reauthorization Act of 2008. The purpose of this announcement is to determine the availability of small disadvantaged, 8(a), HubZone, woman-owned, veteran-owned, service-disabled veteran-owned, and small businesses, as well as large businesses, that are capable of performing the activities described in the draft Statement of Work (SOW). EPA is looking for firms that can perform all of the SOW requirements or portions of the SOW. The contractor shall be prepared to provide scientific/technical support for EPA activities in furtherance of the agency's primary mission: protection of human health and the environment. The resultant two contracts (possibly 1 Full & Open and 1 Small Business Set-Aside) are anticipated to be an ID/IQ type contract, with a 36-month base period and a two 12-month option periods. The estimated maximum potential value of the contract is \$25M over the life of each contract. This procurement will be a FAR Part 36, Brooks Act procurement. Work will be ordered through the issuance of Task Orders. The contractor shall provide all personnel, materials, and equipment necessary to perform the required tasks. The SOW requirements fall under NAICS code 562910 (Environmental Remediation Services). Interested firms tasks. The SOW requirements fall under NAICS code 562910 (Environmental Remediation Services). Interested firms must demonstrate in their capabilities statements that they are qualified to perform the SOW activities under this NAICS code. A company does not have to possess all of the capabilities to perform all of the tasks listed within the SOW but would need to demonstrate how they would cover all the tasks based upon a teaming arrangement. In addition to the capability submission, interested parties are encouraged to provide comments and/or suggestions to the SOW that may result in improvements to the SOW. CAPABILITIES STATEMENTS MUST BE RECEIVED BY OR BEFORE 4:30 PM ET ON AUGUST 11, 2017. Monitor FedConnect for updates at <a href="https://www.fedconnect.net/FedConnect/?doc=SOL-R5-17-00006&agency=EPA">https://www.fedconnect.net/FedConnect/?doc=SOL-R5-17-00006&agency=EPA</a> [Note: It might be necessary to copy and paste the URL into your browser for direct access].

CITÉ:

https://www.fbo.gov/index?s=opportunity&mode=form&id=31e9f574ec650bef2a15c1d6eec3dafe&tab=core&cview=0
Posted: 07/19/17
SPONSOR: Environmental Protection Agency, Office of Acquisition Management, Region V, Chicago, IL.

PUBLICATION DATE: July 21, 2017

**ISSUE:** FBO-5719

# HAZARDOUS TOXIC AND RADIOACTIVE WASTE (HTRW) ARCHITECT ENGINEER CONTRACTS (SRCSGT) SOL: W912WJ17X0020 DUE: 081717

POC: Robert Garrahan, Robert.C.Garrahan@USACE.Army.mil, 978-318-8814.

WEB: FBO.gov Permalink at https://www.fbo.gov/spq/USA/COE/DACA33/W912WJ17X0020/listing.html

NAICS: 562112. The U.S Army Corps of Engineers (USACE), New England District is issuing a sources-sought for IDIQ for Hazardous, Toxic and Radioactive Waste (HTRW) Architect/Engineer Contracts to determine the interest, availability, and capability of 8(a), HUBZone, Service-Disabled Veteran-Owned, Woman-Owned, and Small Business concerns. The NAICS code for the work is 541330 with a size standard of \$15M. Work would begin late 2018 for a period not to exceed five years. The intent is to award 8 contracts with a total contract value between \$40M to \$50M. The location of the work to be performed under this contract shall be primarily in the six New England States (ME, NH, VT, MA, CT, and RI) but will also include all other states and districts covered by the USACE North Atlantic Division's mission areas (NY, PA, NI) DE MD, VA, WV, and the District of Columbia). The work involves performing VT, MA, CT, and RI) but will also include all other states and districts covered by the USACE North Atlantic Division's mission areas (NY, PA, NJ, DE, MD, VA, WV, and the District of Columbia). The work involves performing investigations, feasibility studies and/or remedial designs at HTRW sites that are being addressed through EPA's Superfund Program, DoD's BRAC Program, USACE's FUDS Program, and other interagency support customer projects that involve the investigation and assessment of site contaminants and the determination of effective remedial designs to address site risks to human health and the environment. The investigations focus on establishment of the impacts and extent of contaminants in sediment, overburden, bedrock, groundwater, surface water, air, and other site infrastructure, leading to design of actions typically required to remediate sites (e.g., evaluation, application and performance assessment of innovative treatment technologies, ground and surface water treatment/restoration, capping, earth support systems, excavation, site restoration, transportation and disposal, vapor intrusion mitigation, etc.). Interested firms must demonstrate capability of performing work under all phases of CERCLA as well as an ability to provide licensed professionals under the applicable state regulations. Interested firms should submit a capabilities package containing business classification (i.e., 8(a), HUBZone, etc.), staff size, primary area(s) of contractor's expertise, resumes of key personnel, and examples of projects illustrating the requirements stated above. The package must identify the nature of work performed by the firm, percentage of overall work self-performed by the firm, and features of work performed by team subcontractors. The firm should also describe their in-house capabilities to accomplish the work requirements. RESPONSES MUST BE RECEIVED NO LATER THAN 2:00 PM ET ON AUGUST 17, 2017.

CITE:

https://www.fbo.gov/?s=opportunity&mode=form&id=b1541b32b5c0c3cfb496f9054617b1ec&tab=core&cview=0 Posted: 07/20/17 SPONSOR: Department of the Army, U.S. Army Corps of Engineers, USACE District, New England, Concord, Mass. PUBLICATION DATE: July 22, 2017

ISSUE: FBO-5720

## REPLACEMENT OF MONITORING WELL AT SITE SS030, WHITEMAN AIR FORCE BASE, MISSOURI (COMBINE) **SOL:** FA8903-17-R-0066

**DUE:** 082217

POC: Christina Blevins, Contract Specialist, <a href="mailto:christina.blevins.5@us.af.mil">christina.blevins.5@us.af.mil</a>, 210-395-8727; Johanna G Mendiola, Contracting Officer, <a href="mailto:johanna.mendiola@us.af.mil">johanna.mendiola@us.af.mil</a>, 210-395-8734.

WEB: FBO.gov Permalink at <a href="https://www.fbo.gov/notices/4d5b3f1c70b1922380c3f9c9766062d2">https://www.fbo.gov/notices/4d5b3f1c70b1922380c3f9c9766062d2</a>

NAICS: 562910. This announcement constitutes the only solicitation; proposals are being requested and a written solicitation will not be issued. The 772 ESS/PKS intends to award a single firm-fixed-price contract to perform replacement of monitoring well at site SS030, Whiteman Air Force Base, Missouri. The NAICS code for this acquisition is 562910 (size standard 750 employees). This requirement is a 100% Small Business Set-Aside. The period of performance will be 12 months. The performance work statement attached to the FedBizOpps notice details the full range of methods, technologies, and supporting activities necessary to conduct environmental restoration efforts to range of methods, technologies, and supporting activities necessary to conduct environmental restoration efforts to replace damaged monitoring well MW-16 at remediation site SS030. Replacement groundwater monitoring well must be installed by a state-licensed driller and in accordance with State of Missouri requirements. PROPOSALS MUST BE

RECEIVED BY OR BEFORE 2:00 PM CT ON AUGUST 22, 2017.

CITE:

/www.fbo.gov/index?s=opportunity&mode=form&id=4d5b3f1c70b1922380c3f9c9766062d2&tab=core& cview=0

Posted: 07/20/17
SPONSOR: Department of the Air Force, AFICA - CONUS, JBSA Lackland, TX.

POSTED DATE: July 22, 2017

### LONG TERM MONITORING OF VARIOUS CONTAMINATED CLEANUP SITES, USAG VICENZA DMC, ITALY (PRESOL)

SOL: W912PF-17-T-0059

POC: Sonia Zanobini, Contract Specialist, sonia.zanobini2.ln@mail.mil, Phone: 0039050548364.

WEB: FBO.gov Permalink at https://www.fbo.gov/notices/809bf8077c6d895d51b065df09fa3f01

NAICS: 541380. RELEASE OF THIS SOLICITATION IS ANTICIPATED ON OR ABOUT AUGUST 9, 2017; responses likely will be due September 11, 2017. This will be a firm-fixed-price type contract. This contract consists of the geochemical coalesiest manifering of groundwater at various Contaminated Cleanup (CC) Sites within the Livorno Supply & will be due September 11, 2017. This will be a firm-fixed-price type contract. This contract consists of the geochemical and geological monitoring of groundwater at various Contaminated Cleanup (CC) Sites within the Livorno Supply & Maintenance Area (DEPOT) and Camp Darby Military Installation. The sites consist of CCPL113, CCPL114, CCPL003, CCPL116, CCPL002, and CCPL112. The Contractor shall identify the general hydro-geologic and hydro-geochemical conditions at DEPOT and Camp Darby, and the relationship to the existing contamination. As a result of the study, the Contractor shall identify the presence of contamination in relation to the groundwater flow directions, and provide the Contracting Officer's Representative (COR) with maps and groundwater analysis reports. A site visit will be held at 14:00 hrs on August 30, 2017. The meeting point will be at Gate #27, Via Aurelia, Tombolo (Pisa). In order to participate, indicate interest by submitting an email no later than Close of Business on July 27, 2017, to Sonia.zanobini2.ln@mail.mil. Interested parties are NOT required to attend the organized site visit to submit an offer. CITE:

https://www.fbo.gov/?s=opportunity&mode=form&id=809bf8077c6d895d51b065df09fa3f01&tab=core&cview=0
Posted: 07/17/17
SPONSOR: Department of the Army, Army Contracting Command, ECC, 414th CSB (W912PF) Vicenza, Italy.
PUBLICATION DATE: July 19, 2017
TSSUE: FPO 5717

**ISSUE:** FBO-5717

## U.S. COAST GUARD (USCG) NATIONWIDE ENVIRONMENTAL (ENV) ARCHITECT-ENGINEER (A-E) INDEFINITE DELIVERY/INDEFINITE QUANTITY (IDIQ) MULTIPLE AWARD TASK ORDER CONTRACT (MATOC) (PRESOL)

SOL: HSCG50-17-R-ENVAE2

POC: Alex H. Wingert, <u>alex.h.wingert@uscq.mil</u>, 206-220-7426.

WEB: FBO.gov Permalink at <a href="https://www.fbo.gov/spq/DHS/USCG/USCGFDCCP/HSCG50-17-R-ENVAE2/listing.html">https://www.fbo.gov/spq/DHS/USCG/USCGFDCCP/HSCG50-17-R-ENVAE2/listing.html</a>

NAICS: 541330. This notice does not constitute a solicitation; it has been issued solely to provide information the form of a draft synopsis that is relevant to a forthcoming procurement. The draft synopsis includes the proposed selection criteria, description of work, and anticipated contract structure. The future solicitation will be a recompete for the existing USCG ENV A-E MATOC. The existing contracts expire October 21, 2018. The future IDIQ USCG enterprise-wide MATOC is intended to provide prompt responses on an as-needed basis for miscellaneous environmental architect-engineer services to address USCG needs associated with environmental compliance, restoration, liabilities, planning, sustainability, and training. The Area of Responsibility for this contract includes the 50 United States and its territories and other locations outside the U.S. where the USCG may have a mission interest. THE ANNOUNCEMENT WILL BE OPEN TO ALL BUSINESSES REGARDLESS OF SIZE under NAICS code 541330. The resultant contract will contain a partial small business reserve in accordance with FAR 19.502-4(a), as two to four contracts will be reserved for this multiple-award procurement. Awards may be made to up to four large businesses and up to four small businesses. Inquiries and comments on this draft are welcome. The Government will take into consideration all inquiries and comments prior to posting the final synopsis. Comments will either be integrated into the new announcement or addressed separately in a narrative. SUBMIT QUESTIONS AND COMMENTS ON THE DRAFT SYNOPSIS BY 11:59 PM ET ON AUGUST 10, 2017.

CITE:

https://www.fbo.gov/?s=opportunity&mode=form&id=91d0ca78b4bb779cb91142bdfad0f53b&tab=core& cview=0 Posted: 07/20/17

SPONSOR: Department of Homeland Security, United States Coast Guard, USCG Shore Maintenance Command,

**PUBLICATION DATE:** July 22, 2017

**ISSUE:** FBO-5720

APG HAZARDOUS WASTE REMOVAL AND DISPOSAL SERVICES (PRESOL)

SOL: W56ZTN-17-R-0004

POC: Joseph D. Thomas, Contract Specialist, joseph.d.thomas10.civ@mail.mil, 443-861-4757; Lane M. Gary, Contracting Officer, lane.m.gary.civ@mail.mil, 443-861-5339.

WEB: FBO.gov Permalink at <a href="https://www.fbo.gov/notices/776a0727bd6a002fc6d8cb874798307e">https://www.fbo.gov/notices/776a0727bd6a002fc6d8cb874798307e</a>

NAICS: 562211. The U.S. Army Contracting Command - Aberdeen Proving Ground (ACC-APG) intends to issue an UNRESTRICTED/ FULL-AND-OPEN SOLICITATION for a recompete of the hazardous waste removal and disposal services contract at Aberdeen Proving Ground, Maryland. The Government intends to award a single Indefinite Deli services contract at Aberdeen Proving Ground, Maryland. The Government intends to award a single Indefinite Delivery requirements-type contract with task orders issued on a firm-fixed-price basis. The solicitation will include a base year ordering period plus four one-year options. THE SOLICITATION WILL BE ISSUED ON OR ABOUT SEPTEMBER 12, 2017, VIA FEDBIZOPPS. After issuance of the solicitation, the Government intends to hold a site visit at the hazardous waste storage facility on the Edgewood Area of APG.

CITE: https://www.fbo.gov/?s=opportunity&mode=form&id=776a0727bd6a002fc6d8cb874798307e&tab=core& cview=1

Posted: 07/17/17

SPONSOR: Department of the Army, Army Contracting Command, ACC - APG (W91ZLK) Tenant Contracting Div.,

Aberdeen Proving Ground, MD. **PUBLICATION DATE:** July 19, 2017

**ISSUE:** FBO-5717

### F--HANFORD MISSION ESSENTIAL SERVICES CONTRACT (HMESC) (PRESOL)

SOL: DE-SOL-0009072

POC: Deri Sehlhorst, Contracting Officer, <a href="mailto:lori.sehlhorst@emcbc.doe.gov">lori.sehlhorst@emcbc.doe.gov</a>, 513-744-0989.

WEB: FBO.gov Permalink at <a href="https://www.fbo.gov/spg/DOE/PAM/HQ/DE-SOL-0009072/listing.html">https://www.fbo.gov/spg/DOE/PAM/HQ/DE-SOL-0009072/listing.html</a>

NAICS: 561210. Within 15 to 45 days from the date that this notice is published in FedBizOpps, U.S. DOE anticipates the issuance of a Draft RFP for the Hanford Mission Essential Services Contract (HMESC). The HMESC contractor will provide site services, security and emergency services, land management, information technology services,

management of the Hazardous Material Management and Emergency Response (HAMMER) training facility, maintain vital infrastructure, and perform infrastructure upgrades (e.g., electric, water, roads) as well as build future infrastructure to support waste treatment and immobilization plant operations. This contract would also include a new concept where the contractor would provide assistance to DOE in the solicitation and contract administration of DOE's concept where the contractor would provide assistance to DOÉ in the solicitation and contract administration of DOE's small business prime contracts. The new contract resulting from this acquisition will replace the Mission Support Contract (MSC), which expires May 25, 2019. With this proposed contract, DOE plans to initiate and complete infrastructure upgrades, support the critical startup of the high-level waste treatment and immobilization plant, and maintain the Hanford Site infrastructure to support the next 50 years of operations and cleanup on the 580-square-mile Hanford Site. THIS PROCUREMENT WILL BE 100% FULL AND OPEN COMPETITION under NAICS code 561210 (Facilities Support Services), small business size standard of 38.5M. A dedicated webpage has been established for this procurement. All news/announcements, documents (including the Draft and Final RFP), questions/answers, pre-solicitation conference information, and related links will be posted to <a href="https://www.emcbc.doe.qov/SEB/HMESC/">https://www.emcbc.doe.qov/SEB/HMESC/</a>. DOE intends to conduct a pre-solicitation conference, site tour, and industry one-on-one sessions for this procurement. Interested parties are encouraged to review the Draft RFP prior to the pre-solicitation conference, site tour, and industry one-on-one sessions, which are tentatively scheduled for mid-September 2017.

https://www.fbo.gov/?s=opportunity&mode=form&id=fbf8403e40fb3181ee08be8943e4e9b8&tab=core& cview=0

Posted: 07/17/17 SPONSOR: U.S. Department of Energy, Cincinnati, OH. PUBLICATION DATE: July 19, 2017

**ISSUE:** FBO-5717

SERDP ER-2422 (SNOTE)
SOL: W912HQ-17-SN-0017
POC: Meredith L. McKinney, Contract Specialist, meredith.l.mckinney@usace.army.mil.
WEB: FBO.gov Permalink at https://www.fbo.gov/spg/USA/COE/DACA72/W912HQ-17-SN-0017/listing.html
NAICS: 541712. The U.S. Army Corps of Engineers intends to award a sole-source cost-type contract to the University of California Los Angeles for the Scientific Environmental Research and Development Program (SERDP). The contractor will provide 12 months of R&D services under SERDP Project ER-2422, "Bioaugmentation with Vaults: Novel In Situ Remediation Strategy for Transformation of Perfluoralkyl Compounds." The contractor is required to provide R&D services to further investigate in situ remediation of perfluoralkyl-contaminated groundwater and soil. This work results from Dr. Shaily Mahendra's findings under contract W912HQ-14-C-0052, which will be applied to this award. The objectives of this project are to 1) continue testing transformation of 6:2 FTOH and PFOA by Manganese Peroxidase (MnP) packaged in vaults nanoparticles; 2) package laccase in vaults and compare the activity of packaged enzyme (MnP) packaged in vaults nanoparticles; 2) package laccase in vaults and compare the activity of packaged enzyme with the natural enzyme; and 3) test the transformation of PFOA and 6:2 FTOH by laccase packaged in vault nanoparticles. The period of performance will be 12 months after date of award.

https://www.fbo.gov/?s=opportunity&mode=form&id=81f6b5e35e93bf8985f3964de69afa25&tab=core&cview=0

Posted: 07/20/17

SPONSOR: Department of the Army, U.S. Army Corps of Engineers, USACE HEC, Ft. Belvoir, Alexandria, VA.

**PUBLICATION DATE:** July 22, 2017

**ISSUE:** FBO-5720