ENGINEERING SERVICES WANTED

Applications for ENGINEERING Services for the following projects will be accepted until **2:00 p.m., Friday, December 16, 2022.**

(Your attention is called to the 2:00 p.m. deadline -- exceptions WILL NOT be made). Applications shall be submitted on the standard LSB - 1 (September 2019 edition) only, with no additional pages attached. Please be sure to use an up-to-date copy of the form. These forms are available at the selection board office and on the Facility Planning & Control website at https://www.doa.la.gov/doa/fpc/. Do not attach any additional pages to this application. Applications with attachments in addition to the pre-numbered sheets or otherwise not following this format will be discarded. One fully completed signed copy of each application shall be submitted. The copy may be printed and mailed or printed and delivered or scanned in PDF format and e-mailed. Printed submittals shall not be bound or stapled. E-mailed PDF copies, as well as printed copies, shall be received by Facility Planning & Control within the deadline stated above. The date and time the e-mail is received in the Microsoft Outlook Inbox at Facility Planning & Control shall govern compliance with the deadline for e-mailed applications. Timely delivery by whatever means is strictly the responsibility of the applicant. By e-mailing an application the applicant assumes full responsibility for timely electronic delivery. DO NOT submit both printed and e-mail copies. Any application submitted by both means will be discarded.

1. Contraband Bayou Erosion Retaining Wall Phase II, McNeese State University, Lake Charles, Louisiana, Project No. 19-627-12-03, F.19002437.
This project will be a continuation of the Phase I project that installed a new retaining wall, regrading and installation of erosion control fabric on the banks of Contraband Bayou. This project shall include installation of erosion control improvements along the north and south banks of Contraband Bayou from Ryan Street to the pedestrian bridge installed in Phase I, and along the east and west banks of the connecting lateral from the walking bridge to McNeese Street. It is approximately 500 l.f. from the pedestrian bridge to Ryan Street and approximately 180 l.f. from the walking bridge to McNeese Street. Turf reinforcement mat, concrete block gravity retaining walls and riprap to match Phase I are intended to be utilized in the improvements. The existing sheet pile and concrete caps at the edge of the water line are expected to remain as part of the design. New sidewalks to tie the existing walking paths to Ryan Street and landscaping shall be part of this project. The project scope includes any required improvements to comply with ADA. The project will be limited to Program Completion, Schematic Design, Design Development and Construction Documents (up to 60%) according to the Louisiana Capital Improvement Projects Procedure Manual for Design and Construction, 2020 Edition. The fee has been adjusted to account for this. At the owner's option, the contract may be amended to include additional Phases with the corresponding fee adjustment. The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$3,300,000.00** with a fee of approximately **$127,429.00**. Contract design time is **270** consecutive calendar days; including **90** days review time. Thereafter, liquidated damages in the amount of **$150.00** per day will be assessed. Further information is available from **Robert Mayard, Facility Planning & Control, robert.mayard@la.gov, (225)219-2118.**

2. Hull Repair & Reinforcement, Superstructure Repair, Interior Restoration, & Painting of USS KIDD DD-661, Docking Cradle Repairs & Upgrade, Baton Rouge, Louisiana, Project No. 06-A98-22-01, F.06002320.
This project consists of repair, reinforcement, and restoration of USS KIDD DD-661, a National Historic Landmark, and her mooring cradle. Work on the KIDD includes superstructure repairs, interior space restoration, and exterior painting. The underwater body will be preserved, and deteriorated hull plating at the docking cradle touchpoints will be repaired, replaced, and/or reinforced. All restoration and repairs shall adhere

to the U.S. Department of Interiors' Standards for Historic Ship Preservation Projects. While KIDD is dry-docked at a remote location, repairs and upgrades will be made to the mooring cradle. The neoprene padding upon which KIDD rests shall be re-designed and replaced to prevent future damage to the ship. Applicants must include on their application, as part of the design team, a Professional Engineer with active Louisiana licensure in Naval Architecture and Marine Engineering. Basic design services include surveying the ship and cradle, assessing and designing repairs and restorations, and specifying the requirements of the shipyard where KIDD will be dry-docked during restoration. Design services for this project are limited to the Program Completion, Schematic Design, and Design Development Phases, and the fee is based accordingly (35%). At the Owner's option, the contract may be amended to include additional Phases with a corresponding fee adjustment. The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$2,950,000.00** with a fee of approximately **$98,548.00**. Contract design time is **125** consecutive calendar days; including **42** days review time. Thereafter, liquidated damages in the amount of **$125.00** per day will be assessed. Further information is available from **Rainier Simoneaux, Facility Planning & Control, rainier.simoneaux@la.gov, (225)342-1983.**

3. Central Steam Generator - Switch Gear, Louisiana Tech University, Ruston, Louisiana, Project No. 19-625-22-02, F.19002432.

This project consists of removal and replacement of the electrical switchgear and boilers in the campus power plant. The existing electrical switchgear is obsolete and beyond repair. It will be replaced with modern programmable switchgear to provide reliable and safe electricity generation throughout the campus and interface with the city of Ruston. The existing boilers are malfunctioning and obsolete and will be replaced with new efficient boilers that supply the campus with a reliable and appropriate supply of steam. Installation of new equipment must be closely coordinated with university facility services to maintain uninterrupted service. The Designer is responsible for determinations regarding associated environmental remediation including, but not limited to, scheduling sample testing of possible hazardous materials. Third party environmental sampling and testing will be a reimbursable expense. The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$2,900,000.00** with a fee of approximately **$188,464.00**. Contract design time is **120** consecutive calendar days; including **40** days review time. Thereafter, liquidated damages in the amount of **$200.00** per day will be assessed. Further information is available from **Ellen Jenkins, Facility Planning & Control, ellen.jenkins@la.gov, (225)342-1021.**

4. Refurbish and Repairs to the Wastewater System, Elayn Hunt Correctional Center, St. Gabriel, Louisiana, Project No. 01-107-18-02, F.01004412.

This project consists of refurbishment and repairs to the wastewater system that serves the Elayn Hunt Correctional Center, which includes, but is not limited to, removal of the sludge from oxidation ponds; removal and installation of new solids-handling pumps; removal and installation of new aerators in all three ponds; repairs to the sand filtration system; repairs and reinforcement to the oxidation pond containment walls; and reconstruction of the interior slope. Based on preliminary discussions with Louisiana Department of Environmental Quality (LDEQ), this project is a good candidate for the Beneficial Reuse Program. Under the LDEQ Beneficial Use Program, the oxidation ponds' sludge will be removed, dewatered, and transformed into an acceptable LDEQ bio-solid. This project will remove approximately 15,000 Cu. /Yds. of sludge from ponds 1 and 2 that will be repurposed for the on-site agricultural soil amendment. This project is subject to approval and permitting by LDEQ, in accordance with the regulations set forth in the Louisiana Administrative Code, Title 33, Part VII (Solid Waste). The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$2,550,000.00** with a fee of approximately **$167,347.00**. Contract design time is **270** consecutive calendar days; including **90** days review time. Thereafter, liquidated damages in the amount of **$200.00** per day will be

assessed. Further information is available from **Cheryl Cloud, Facility Planning & Control, cheryl.cloud@la.gov, (225)219-4422.**

5. Streetscape Repairs, Powerhouse Lane to North Stadium, Louisiana State University, Baton Rouge, Louisiana, Project No. 19-671-22-01, F.19002440.
This project consists of repairs and renovations to approximately 1,240 l.f. of LSU Fieldhouse Lane from Powerhouse Drive to North Stadium Drive inclusive of the entire streetscape zone. The project will address the failing street, drainage, sidewalks, lighting, seating and signage along the roadway, inclusive of the traffic circle. A new street cross section, with rearrangement of the travel lanes to include diagonal parking and bike lanes, will be created as part of the project. A landscape architect is needed on the design team to assist with the overall plan layout and coordination with pedestrian and traffic flow. Construction will be required to limit disturbance to the LSU community and to support the transportation needs of LSU and closely coordinated with LSU Parking and Transportation Services. Project must be complete by August, 2024. The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$1,900,000.00** with a fee of approximately **$150,069.00**. Contract design time is **180** consecutive calendar days; including **60** days review time. Thereafter, liquidated damages in the amount of **$200.00** per day will be assessed. Further information is available from **Barry Lynch, Facility Planning & Control, barry.lynch@la.gov, (225)342-3443.**

6. Laboratory Ventilation and Fume Hood Improvements, Pursley Hall, Southeastern Louisiana University, Hammond, Louisiana, Project No. 19-671-22-01, F.19002433.
This project consists of laboratory fume hood and ventilation upgrades to the Pursley Hall Laboratory Building, a two-story, 56,191 s.f. building on the campus of Southeastern Louisiana University in Hammond, Louisiana. The scope includes combining the existing fume hoods into common manifolded systems, expanding the existing laboratory control systems, transitioning to variable air volume exhaust and supply systems, adding supplemental HVAC services to achieve required ventilation rates, and providing test and balance of the systems, as well as third-party certification of fume hood performance. Should suspect asbestos containing items require abatement to accomplish the project, the Designer's contract may be amended to include testing, abatement design and/or air monitoring at the Owner's discretion. Design services and fees are based on, and limited to, Program Completion through Construction Documents (60%). At Owner's option, the contract may be amended to include additional phases with corresponding fee and time adjustments. The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$1,650,000.00** with a fee of approximately **$90,926.00**. Contract design time is **240** consecutive calendar days; including **80** days review time. Thereafter, liquidated damages in the amount of **$125.00** per day will be assessed. Further information is available from **David Poche, Facility Planning & Control, david.poche@la.gov, (504)568-8547.**

7. Replacement of HVAC Units and Associated Mechanical and Electrical Work, Charleston Building - SOWELA Technical College, Louisiana Community Technical College System (LCTCS), Lake Charles, Louisiana, Project No. sowela08-2023.
This project consists of replacement of approximately 38 existing fan coil / DX HVAC units serving classrooms, labs, offices and common areas. Designer shall complete a comprehensive assessment of HVAC system and make determinations regarding cooling / heating demand, re-piping as required to address condensate discharge, extent of chilled-water piping reconfiguration, and replacement and/or addition of isolation valves and wall sensors. Project shall also include removal of existing pneumatic controls and infrastructure. Overall phasing of the HVAC unit replacements work scope shall be coordinated with user agency facilities director and take into consideration that building will remain occupied for duration of project. The Designer shall prepare and submit all required drawings to SOWELA in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$1,258,850.00** with a fee of

approximately **$87,324.00**. Contract design time is **75** consecutive calendar days; including **25** days review time. Thereafter, liquidated damages in the amount of **$125.00** per day will be assessed. Further information is available from **Ernesto Egoavil, Facility Planning & Control, ernesto.egoavil@la.gov, (225)342-3378.**

8. HVAC Repairs, Dormitories 1 and 2, Villa Feliciana Medical Complex, Jackson, Louisiana, Project No. 01-107-18-02, F.01004408.

This project consists of an analysis and corrective work to the three HVAC systems that serve two Patient Dormitories at the Villa Feliciana Medical Complex. The buildings' 2013 retrofitted HVAC systems are unable to maintain proper environmental conditions. A previous study of the existing conditions shall be made available. The Designer may utilize the report as a starting point for their own analysis and development of a scope of work to provide reliable HVAC systems for the two 24 hour patient care Dormitories.

The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$900,000.00** with a fee of approximately **$73,797.00**. Contract design time is **150** consecutive calendar days; including **50** days review time. Thereafter, liquidated damages in the amount of **$125.00** per day will be assessed. Further information is available from **Charles Funderburk, Facility Planning & Control, charles.funderburk@la.gov, (225)219-4124.**

9. Cooling Tower Replacement, Delgado Community College, New Orleans, Louisiana, Project No. 19-671-22-01, F.19002431.

This project consists of the replacement of one, three cell cooling tower on the Delgado Community College campus located at 2600 General Meyers Avenue, New Orleans, LA. The construction of the cooling tower includes demolition of the existing cooling towers and installation of a new 3,400 gpm three cell cooling tower, along with three new 25 horsepower, three phase, 460 volts, 60 hertz electric motors along with associated gearboxes, fans, basins, piping, electrical connections, service walkways, ladders and access doors, and management system communication connections. Integrate cooling tower unit controls into existing terminal building Synergy automation system. Perform system testing and commissioning of cooling tower, which includes coordinating tower start-up with Delgado's water treatment company. Construction shall be coordinated with the user agency and take into consideration that the building will remain occupied for the duration of the project. The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$700,000.00** with a fee of approximately **$50,974.00**. Contract design time is **150** consecutive calendar days; including **50** days review time. Thereafter, liquidated damages in the amount of **$100.00** per day will be assessed. Further information is available from **Mark Bradley, Facility Planning & Control, mark.bradley@la.gov, (504)568-8545.**

10. HVAC Repairs and Upgrades, Prescott Hall, Louisiana State University, Baton Rouge, Louisiana, Project No. 19-671-22-01, F.19002439.

This project consists of removal and replacement of two obsolete existing HVAC units, in an approximately 23,700 s.f. two-story classroom building built in 1924, with new efficient units. Controls and necessary ductwork will be replaced as needed for the new HVAC installation. Rebalancing of the system is required. The building will remain operational during construction, and consideration to utilize temporary HVAC may be required. Designer shall be responsible for comprehensive sampling, testing, design of hazardous material abatement and air monitoring during the abatement. Third party sampling, testing, and air monitoring will be a reimbursable expense. The Designer shall prepare and submit all required drawings to Facility Planning & Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$650,000.00** with a fee of approximately **$56,039.00**. Contract design time is **90** consecutive calendar days; including **30** days review time. Thereafter, liquidated damages in the amount of **$100.00** per day will be

assessed. Further information is available from **Robert Mayard, Facility Planning & Control, robert.mayard@la.gov, (225)219-2118.**

11. Resurface Lot 7, Louisiana State University at Alexandria, Alexandria, Louisiana, Project No. LSUA-2022-01.
This project consists of resurfacing the primary student parking lot, which is approximately 40,000 s.f. of asphalt paving, with 140 parking spaces. Scope includes pulverizing the existing asphalt lot, blending in soil cement, followed by compaction to create a new foundation for the lot. Underground drainage will be added on both the north and south end of the lot to tie into recently-installed underground drainage system. Curbs will be added at the perimeter as well as at new landscaped islands. Area lighting will be added along the edges and at the islands. The lot is to be restriped to retain the same number of parking spaces. Parking lot construction shall occur in at least two phases to allow half of the parking lot to be used by students and faculty during construction. The Designer shall prepare and submit all required drawings to LSUA in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The available funds for construction (AFC) are approximately **$487,000.00** with a fee of approximately **$36,589.00**. Contract design time is **150** consecutive calendar days; including **50** days review time. Thereafter, liquidated damages in the amount of **$100.00** per day will be assessed. Further information is available from **Chad Gauthier, LSUA, cgauthier@LSUA.edu, (318)290-4965.**

GENERAL REQUIREMENTS APPLICABLE TO ALL PROJECTS:
Applicants are advised that design time ends when the Documents are "complete, coordinated and **ready for bid**" as stated in to Article 3.3.1 (4) of the Capital Improvements Projects Procedure Manual for Design and Construction. Documents will be considered to be "complete, coordinated and ready for bid" only if the advertisement for bid can be issued with no further corrections to the Documents. Design time will not necessarily end at the receipt of the initial Construction Documents Phase submittal by Facility Planning and Control. Any re-submittals required to complete the documents will be included in the design time.

In addition to the statutory requirements, professional liability insurance covering the work involved will be required in an amount specified in the following schedule. This will be required at the time the Designer's contract is signed. Proof of coverage will be required at that time.

SCHEDULE
LIMITS OF PROFESSIONAL LIABILITY

Construction Cost	Limit of Liability
$0 to $10,000,000	$1,000,000
$10,000,001 to $20,000,000	$1,500,000
$20,000,001 to $50,000,000	$3,000,000
Over $50,000,000	To be determined by Owner

Applicant firms should be familiar with the above stated requirements prior to application. The firm(s) selected for the project(s) will be required to sign the state's standard Contract Between Owner and Designer. When these projects are financed either partially or entirely with Bonds, the award of the contract is contingent upon the sale of bonds or the issuance of a line of credit by the State Bond Commission. The State shall incur no obligation to the Designer until the Contract Between Owner and Designer is fully executed.

Firms will be expected to have all the expertise necessary to provide all engineering services required by the Louisiana Capital Improvement Projects Procedure Manual for Design and Construction for the projects for which they are applying. Unless indicated otherwise in the project description, there will be no additional fee for consultants.

Facility Planning and Control is a participant in the Small Entrepreneurship Program (the Hudson Initiative) and applicants are encouraged to consider participation. Information is available from the Office of Facility

Planning and Control or on its website at https://www.doa.la.gov/doa/fpc/.

ANY PERSON REQUIRING SPECIAL ACCOMMODATIONS SHALL NOTIFY FACILITY PLANNING AND CONTROL OF THE TYPE(S) OF ACCOMMODATION REQUIRED NOT LESS THAN SEVEN (7) DAYS BEFORE THE SELECTION BOARD MEETING.

Applications shall be delivered or mailed or emailed to:

LOUISIANA ENGINEERING SELECTION BOARD
c/o FACILITY PLANNING AND CONTROL

E-Mail:	**Deliver:**
selection.board@la.gov	**1201 North Third Street**
Mail:	**Claiborne Office Building**
Post Office Box 94095	**Seventh Floor, Suite 7-160**
Baton Rouge, LA 70804-9095	**Baton Rouge, LA 70802**

Use this e-mail address for applications only. Do not send any other communications to this address.

The tentative meeting date for the Louisiana Engineering Selection Board is **Wednesday, January 11, 2023 at 11:00 AM** in room **1-100 Louisiana Purchase Room** of the Claiborne Building, 1201 North Third Street, Baton Rouge, LA 70802**.**