

ENGINEERING SERVICES WANTED

Applications for ENGINEERING Services for the following projects will be accepted until **2:00 p.m., Tuesday, June 29, 2021.**

(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. Hurricanes Laura and Delta Levee Repairs, Rockefeller Wildlife Refuge, Department of Wildlife and Fisheries, Grand Chenier, Louisiana, Project No. 01-107-05B-13, F.01004211.

This project consists of repairs to approximately 85 miles of earthen levees damaged by Hurricanes Laura and Delta. It is anticipated that the repairs will make use of native materials dredged from adjacent canal bottoms and/or approved borrow pits and completed under multiple construction contracts running concurrently in order to expedite the overall restoration of the levee system. Designer shall be responsible for his/her travel, site access costs required by the project, as well as preparing all necessary drawings to assist the user agency in acquiring the necessary permits to facilitate the levee repairs. Designer shall be reimbursed for the necessary topographic base line survey and geotechnical investigation services in order to facilitate the design. Funding for the project is provided in large part by the Federal Emergency Management Agency (FEMA). Its participation and oversight in scope and cost alignment can be anticipated for all phases of the project. Designer will be provided with FEMA Project Worksheet (PW) describing the eligible scope of repairs when available, general mapping information for the levees included in the project, and record as-built documents of the levee system as it existed prior to the storm events. Design services and fees are based on and limited to Program Completion through Construction Document Approval phase (60%). 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 **\$10,500,000.00** with a fee of approximately **\$389,519.00**. Contract design time is **180** consecutive calendar days; including **60** days review time. Thereafter, liquidated damages in the amount of **\$250.00** per day will be assessed. Further information is available from **Charles Funderburk, Facility Planning & Control, charles.funderburk@la.gov, (225)219-4124.**

2. New Boiler Building, State Capitol, State Capitol Park, Baton Rouge, Louisiana, Project No. 01-107-93B-12, F.01004180.

This project consists of a new boiler building for the State Capitol of approximately 900 s.f. New building will be a steel framed, precast concrete building. It will be located adjacent and to the east of, and match the design of, the existing Capitol generator building. New hot water piping is to be routed, exposed, from the new boiler building and connect to the Capitol Building's existing hot water system near the existing boilers in the Cellar level. Modifications to all piping, electrical, controls, etc. as necessary to accommodate the installation of new

boilers are to be included in the project. The Designer will be required to review and assess the hot water needs of the building and size the new boilers appropriately. Additionally, the Designer is to inspect the existing components of the hot water circulation system to determine if any will require replacement, and include any replacements in the project. The Capitol Building will remain in full operation during design and construction of this project, with construction scheduled so as to make minimal impact on the occupants. 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 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 **\$2,800,000.00** with a fee of approximately **\$134,370.00**. Contract design time is **325** consecutive calendar days; including **108** days review time. Thereafter, liquidated damages in the amount of **\$150.00** per day will be assessed. Further information is available from **Matthew Baker, Facility Planning & Control, matthew.baker@la.gov, (225)219-4789**.

3. Replace Uninterrupted Power Supply System, Fred C. Frey Building, Louisiana State University, Baton Rouge, Louisiana, Project No. 01-107-06-17, F.01004189.

This project consists of replacement of the existing 500kW Rotary UPS System and associated batteries and support equipment in the Frey Building data center with 750kW of new UPS infrastructure with Lithium Ion batteries for more efficient space, cost, and maintenance. The UPS electrical infrastructure will be upgraded to support the additional IT load. The new system will be installed in a portion of the building adjacent to the existing system. The existing system must remain in place and functioning during construction to keep the data center operational. The new system, using current technology, will be more efficient and must be able to meet required future power redundancy needs for the data center. The project must be completed by 12/31/2022. 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 **\$1,875,000.00** with a fee of approximately **\$131,442.00**. Contract design time is **90** consecutive calendar days; including **30** days review time. Thereafter, liquidated damages in the amount of **\$150.00** per day will be assessed. Further information is available from **Bobby Boudreaux, Facility Planning & Control, bobby.boudreaux@la.gov, (225)219-0052**.

4. Modify or Replace Lift Station #2, Southern University, Baton Rouge, Louisiana, Project No. 01-107-18-02, F.01004216.

This project consists of modifications to or replacement of Lift Station #2, a sanitary waste station. The existing lift station is a submerged pit that consists of a wet well approximately 15 ft. deep and a dry well of equal depth that contains two float controlled pumps. Designer is to review the current pit level with historical high water levels. The project also includes replacing the two existing pumps in the dry well to the concrete deck covering the wet well with four new lift pumps. Additionally, this project will raise and realign the existing road to gain direct access to the new deck. Also requested in this project is an emergency generator which will power the lift pumps in the event of an extended power outage. Design services and fees are based on and limited to Program Completion through Construction Documents Approval (60%). 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 **\$1,200,000.00** with a fee of approximately **\$52,286.00**. 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 **Bobby Boudreaux, Facility Planning & Control, bobby.boudreaux@la.gov, (225)219-0052**.

5. Site Improvements, Louisiana Governor's Mansion, State Capitol Park, Baton Rouge, Louisiana, Project No. 01-107-93B-12, F.01004206.

The project consists of the installation of new retractable decorative bollards to be located at, and to secure, the existing vehicle access points at the south and east site perimeter. The existing automatic gates at each entry point will be reprogrammed to operate in conjunction with the new retractable bollards. Video intercom devices currently at the east gate will be relocated to the east entry drive with all support infrastructure extended to the new location. The project also includes construction of a dumpster enclosure along with heavy paving access from the east entry drive of the mansion. All design including demolition, site, structural, mechanical, electrical, security cameras, and access controls work necessary for the installation and construction of these elements is included in the project. The Governor's Mansion site will remain occupied during design and construction, and at least one vehicular entrance must remain in operation at all times. Design services and fees are based on and limited to Program Completion through Construction Document Approval phase (60%). 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 **\$678,673.00** with a fee of approximately **\$36,462.00**. Contract design time is **120** consecutive calendar days; including **40** days review time. Thereafter, liquidated damages in the amount of **\$100.00** per day will be assessed. Further information is available from **Matthew Baker, Facility Planning & Control, matthew.baker@la.gov, (225)219-4789**.

6. Replace Air Handler Units, Oakcrest Building, East Louisiana State Hospital, Jackson, Louisiana, Project No. 01-107-06B-11, F.01004202.

This project consists of replacing four air handling units to the patient care areas at the Oakcrest Building at the East Louisiana State Hospital in Jackson, Louisiana. The two story Oakcrest Building was built in 1940 and has an area of 66,404 s.f. with eight air handling units. The exterior is brick on masonry and the roof is structural concrete with a relatively new (2018) modified bitumen roof. It is suspected that all eight air handling units serving the building are deteriorating; however, this project consists of replacing the four which provide HVAC to the patient care areas. The new units will be designed to serve the spaces as they are presently used and anticipated future use. The new units will include automatic controls, variable speed fans, and other energy saving features as applicable. The automatic controls will provide a thermostat per "zone" and the ability to set and maintain a constant desired temperature. It shall be the Designer's responsibility to inspect the existing conditions and make recommendations as to the best way to replace the four units and stay within the budget. Phasing may be required. Hazardous material evaluation, design, removal (if found), and construction administration shall be the Designer's responsibility. If a hazardous material consultant is required, it will be treated entirely as 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 **\$550,000.00** with a fee of approximately **\$50,137.00**. Contract design time is **120** consecutive calendar days; including **40** days review time. Thereafter, liquidated damages in the amount of **\$100.00** per day will be assessed. Further information is available from **Jean Kelly, Facility Planning & Control, jean.kelly2@la.gov, (504)568-8547**.

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

<u>Construction Cost</u>	<u>Limit of Liability</u>
\$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:

selection.board@la.gov

Mail:

Post Office Box 94095

Baton Rouge, LA 70804-9095

Deliver:

1201 North Third Street

Claiborne Office Building

Seventh Floor, Suite 7-160

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, July 14, 2021 at 11:00 AM** in room **1-100 Louisiana Purchase** of the Claiborne Building, 1201 North Third Street, Baton Rouge, LA 70802.