

# **ENGINEERING SERVICES WANTED**

Applications for ENGINEERING Services for the following projects will be accepted until **2:00 p.m., Wednesday, December 13, 2023.**

(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 Office of Facility Planning and Control and on the Selection Board page of the Facility Planning & Control website at <https://www.doa.la.gov/doa/fpc/selection-boards/>. 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. Strategic Capital Plan - Deferred Maintenance for Infrastructure, Renovations, and Streets, Louisiana State University, Baton Rouge, Louisiana, Project No. 19-601-21-01, F.19002535.**

This project consists of abatement and complete demolition of the Electrical Engineering building (42,403 s.f.), Manship Building (16,118 s.f.), and three smaller buildings in the immediate vicinity. In addition, utilities on the site are to be relocated to position them along the streets. The primary component of utility infrastructure is to include chilled water in accordance with the global campus chilled water plan and consider inclusion of domestic waste futures valves along with other utilities as needed. Additionally, the scope will include a new streetscape along the southern section of Fieldhouse Drive from South Stadium Drive to South Quad Boulevard. The streetscape scope is to include a two-lane street, connecting at South Quad Boulevard, bike lanes, sidewalks, lighting, seating, etc. The design team shall include as a consultant the services of a landscape architect. Design services shall include hazardous material/asbestos remediation, including sampling and testing, and coordination of third party air monitoring during environmental remediation. Third party sampling, testing, and air monitoring will be a reimbursable expense. Design services shall be limited to the Program Completion through Construction Document phases (60%). The fee and design time have been adjusted to account for this. At the owner's option, the design contract may be amended to include the additional phases of basic design services with the corresponding fee and design time 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 **\$11,360,000.00** with a fee of approximately **\$501,904.00**. Contract design time is **365** consecutive calendar days; including **122** days review time. Thereafter, liquidated damages in the amount of **\$500.00** per day will be assessed. Further information is available from **Michael Johnson, Facility Planning & Control, michael.johnson@la.gov, (225)342-0962.**

## **2. Hurricane Laura Water Control Structures Repairs (West), Rockefeller Wildlife Refuge, Department of Wildlife and Fisheries, Grand Chenier, Louisiana, Project No. 01-107-05B-13, F.01004514.**

The project scope consists of replacement of twenty (20) existing structures utilized for controlling water elevation and salinity at various locations throughout the western portion of the Rockefeller Wildlife Refuge. Items damaged include, but are not limited to, water control structures, pumps, concrete structures, locks, sheet pile plugs, plugs, jetties and marsh creation structures. The replacement structures will be designed and

constructed using sanctioned engineering criteria and sound professional judgement. All information concerning the management plan shall be provided by the Rockefeller Wildlife Refuge as well as available geotechnical reports. The project is inaccessible by wheeled vehicle and the Designer is responsible for his/her transportation to and from the various sites. The standard fee formula has been increased to compensate for water access through acceptance of the project. The Louisiana Department of Wildlife and Fisheries will apply for and secure all permits and permission required by this project. The Designer may be called upon to provide supporting information for the proposed work, if needed, during the application process. Designer should anticipate ORM & FEMA participation in all phases of design and construction and assist with PW scope and cost alignment as required. All work and invoicing shall be separated by claim / PW number in accordance with ORM / FEMA requirements. FEMA mitigation funds are available for specific structures. The Designer shall utilize the PW for scope of work as a reference and notify FP&C immediately of deviations, which prevent a complete repair. Design Services shall be limited to the Program Completion through Bid Document Phases (60%). The fee and design time have been adjusted to account for this. At the Owner's option, the Designer's 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 **\$3,795,467.00** with a fee of approximately **\$189,695.00**. 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 **Charles Funderburk, Facility Planning & Control, charles.funderburk@la.gov, (225)219-4124**.

### **3. Chiller Replacement, Veterinary Medicine Facilities Repairs / Addition, Louisiana State University, Baton Rouge, Louisiana, Project No. 19-601-20-01, F.19002534.**

This project consists of demolition and replacement of the existing main building 1400-ton chiller and associated piping, valves, fittings, pumps, and appurtenances. It is anticipated that hazardous materials abatement will be necessary in order to complete the demolition phase of the work. Designer fee takes into account the reduced scope of basic services as well as the environmental design scope associated with demolition. Designer shall be responsible for comprehensive sampling, testing, design of hazardous material abatement (asbestos, lead paint), and air monitoring during the abatement. Third party sampling, testing, and air monitoring will be a reimbursable expense. Designer shall also consider noise dampening in equipment selection and overall final design in order to reduce the current db levels. 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 **\$1,800,000.00** with a fee of approximately **\$129,114.00**. Contract design time is **225** consecutive calendar days; including **75** days review time. Thereafter, liquidated damages in the amount of **\$150.00** per day will be assessed. Further information is available from **Michael Johnson, Facility Planning & Control, michael.johnson@la.gov, (225)342-0962**.

### **4. Hurricane Laura Water Control Structures Repairs (East), Rockefeller Wildlife Refuge, Department of Wildlife and Fisheries, Grand Chenier, Louisiana, Project No. 01-107-05B-13, F.01004515.**

The project scope consists of replacement of fifteen (15) existing structures utilized for controlling water elevation and salinity at various locations throughout eastern portion of the Rockefeller Refuge. Items damaged include, but are not limited to, water control structures, pumps, concrete structures, locks, sheet pile plugs, plugs, jetties, and marsh creation structures. The replacement structures will be designed and constructed using sanctioned engineering criteria and sound professional judgement. All information concerning the management plan shall be provided by the Rockefeller Wildlife Refuge as well as available geotechnical reports. The project is inaccessible by wheeled vehicle and the Designer is responsible for his/her transportation to and from the various sites. The standard fee formula has been increased to compensate for water access through acceptance of the project. The Louisiana Department of Wildlife and Fisheries will apply for and secure all permits and permission required by this project. The Designer may be called upon to provide supporting information for the proposed work, if needed, during the application process. Designer should anticipate ORM & FEMA participation in all phases of design and construction and assist with PW scope and cost alignment as required.

All work and invoicing shall be separated by claim / PW number in accordance with ORM / FEMA requirements. FEMA mitigation funds are available for specific structures. The Designer shall utilize the PW for scope of work as a reference and notify FP&C immediately of deviations, which prevent a complete repair. Design Services shall be limited to the Program Completion through Bid Document Phases (60%). The fee and design time have been adjusted to account for this. At the Owner's option, the Designer's 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 **\$1,771,474.00** with a fee of approximately **\$93,891.00**. 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.**

**5. Boiler Replacement, Central Utility Plant (CUP), University of New Orleans, New Orleans, Louisiana, Project No. 19-671-22-01, F.19002533.**

This project consists of removal and replacement of two mechanical system boiler units. The existing boilers are natural gas, 17,000 MBH units located in an unenclosed environment. The scope of work will include all associated piping, exhaust and electrical that may be required for a complete system and will require the Designer to investigate the existing requirements of the units and buildings served to ensure correct sizing and capacity of the new equipment. 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 **\$1,035,000.00** with a fee of approximately **\$70,587.00**. Contract design time is **180** consecutive calendar days; including **60** days review time. Thereafter, liquidated damages in the amount of **\$125.00** per day will be assessed. Further information is available from **Mark Bell, Facility Planning & Control, mark.bell@la.gov, (225)342-2069.**

**6. Chiller Replacement, Walker, Strauss and Hemphill Halls, University of Louisiana Monroe, Monroe, Louisiana, Project No. 19-671-22-01, F.19002527.**

This project consists of removal and replacement of three mechanical system chillers and the associated pumps and failing components. Each chiller serves one academic building on the campus. The scope of work will include all associated piping and electrical that may be required for a complete system and will require the Designer to investigate the existing requirements of the units and buildings served to ensure correct sizing and capacity of the new equipment. 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 **\$1,000,000.00** with a fee of approximately **\$68,395.00**. Contract design time is **180** consecutive calendar days; including **60** days review time. Thereafter, liquidated damages in the amount of **\$100.00** per day will be assessed. Further information is available from **Mark Bell, Facility Planning & Control, mark.bell@la.gov, (225)342-2069.**

**7. Energy Management System and HVAC Equipment Replacement, Florida Parishes Campus, Northshore Technical Community College, Greensburg, Louisiana, Project No. 19-671-22-01, F.19002518.**

This project consists of removal of the existing, obsolete Energy Management System (EMS) including devices, panels, etc. and the proprietary software system and replacing with a new non-proprietary BACNET EMS for entire campus. The project also includes removal and replacement of the existing chiller units, chiller pumps and chilled water system pumps. The scope of work will include all associated piping and electrical that may be required for a complete system and will require the Designer to investigate the existing requirements of the units and buildings served to ensure correct sizing and capacity of the new equipment. This project will also address the locations of the existing air terminal boxes installed at a high elevation above the ceilings making it difficult for maintenance service. Options may include relocation of the terminal boxes to a lower height or

installation of a service catwalk above the ceiling. 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 **\$785,000.00** with a fee of approximately **\$64,462.00**. Contract design time is **180** consecutive calendar days; including **60** days review time. Thereafter, liquidated damages in the amount of **\$100.00** per day will be assessed. Further information is available from **Mark Bell, Facility Planning & Control, mark.bell@la.gov, (225)342-2069**.

**8. Replacement of Air Handling Units, Agriculture & Forestry Headquarters, Baton Rouge, Louisiana, Project No. 01-107-18-02, F.01004511.**

This project consists of the removal and replacement of multiple existing HVAC air-handling units. Approximately nine units are located on the roof of the two-story Headquarters building and approximately two are located on the first floor. The scope of work may include additions or modifications to the chill water lines serving the units and will include all associated piping, controls and electrical that may be required for a complete system. The Designer will investigate the existing requirements of the units and building served to ensure correct sizing and capacity of the new equipment. 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 **\$660,000.00** with a fee of approximately **\$46,756.00**. 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 Bell, Facility Planning & Control, mark.bell@la.gov, (225)342-2069**.

**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, January 10, 2024 at 11:00 AM** in room **1-136C Thomas Jefferson Room** of the Claiborne Building, 1201 North Third Street, Baton Rouge, LA 70802.