

# **ENGINEERING SERVICES WANTED**

Applications for ENGINEERING Services for the following projects will be accepted until **2:00 p.m., Wednesday, September 28, 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. Electrical Upgrades, Central Plant - South, State Capitol Park, Baton Rouge, Louisiana, Project No. 01-107-18-02, F.01004352.**

The project consists of the replacement and upgrade of undersized electrical components necessary for the operation of the South Central Plant, located in State Capitol Park, Baton Rouge, Louisiana. Currently, the existing high voltage transformers and switches have a capacity to supply power to half of the plant (three chillers and its associated equipment) on one electrical feeder. Due to the age of the existing transformers and 15.5 KV switches, parts are no longer manufactured and are not easily sourced. All transformers and exterior switches require replacement and upgrades to allow the entire plant to operate from one set of feeders in case of a future outage. The selected Designer will be required to perform a field study of the main electrical feeders from the existing South Capitol Park switching station to the South Central Plant to ensure proper full load ampacity ratings. A list of equipment to be replaced includes, but is not necessarily limited to switches, Current Transformers (CTs), Potential Transformers (PTs), Pad Mounted Transformers, and secondary feeders. The South Central Plant will remain in full operation during the design and construction of this project, with construction and electrical outages scheduled so as to make minimal impact on the operation of the buildings in Capitol Park. 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 **\$1,100,000.00** with a fee of approximately **\$90,760.00**. Contract design time is **135** consecutive calendar days; including **45** days review time. Thereafter, liquidated damages in the amount of **\$125.00** per day will be assessed. Further information is available from **Matthew Baker, Facility Planning & Control, matthew.baker@la.gov, (225)219-4789.**

## **2. HVAC Equipment Replacement, Main Building, Fletcher Technical Community College, Thibodaux, Louisiana, Project No. 19-671-22-01, F.19002418.**

This project consists of removal and replacement of HVAC system components in the Main Building of the Fletcher Community Technical College in Thibodaux, LA. The building is a single story building with approximately 32,300 s.f. The building consists of a conditioned portion made up of classrooms, common areas, and administrative areas and an unconditioned portion made up of trade shop training spaces. Scope includes replacing 31 existing four-pipe fan coil units. This project consists of the removal and replacement of 31 existing four-pipe fan coil units, sheet metal duct plenums, branch duct, and diffusers at each fan coil unit.

Remove and replace existing heat/chilled water control valves with electrically actuated, modulating valve packages and insulate any new piping. Remove existing outside air ductwork, provide and install new direct expansion packaged dedicated outside air system (DOAS) on roof. Provide new sheet metal ductwork system from DOAS to each fan coil unit. Remove and replace three existing down-blast exhaust fans on the roof serving men's restroom, women's restroom, and janitor closet. Test and balance all HVAC water/air systems. Clean and service existing air cooled chiller/boiler. Install new direct digital controls to control all mechanical systems (remote access capable). Remove and replace four gas fired unit heaters in the unconditioned shop space. Remove and replace condensate drain lines from fan coil units back to main waste connection. The scope of work will include any associated electrical, ceiling and roofing repair or modifications as required. 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 **\$1,100,000.00** with a fee of approximately **\$77,146.00**. 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 Bradley, Facility Planning & Control, mark.bradley@la.gov, (504)568-8545**.

### **3. HVAC Components Replacement, University Library, University of Louisiana - Monroe, Monroe, Louisiana, Project No. 01-107-06B-11, F.01004387; 01-107-18-02, F.01004375.**

This project consists of the replacement of various mechanical components on various floors of the University Library at University of Louisiana Monroe. The replacements include, but are not limited to, air handlers on the 7th and 8th floors, three-way hot water valve(s) on AHU(s) on the 1st floor, five fan coil units (one for each elevator equipment room on the 8th floor), replacement of isolation valves on floors 1-7 for hot & cold water distribution lines, and replacement of UCM Board, 3-way valve & pop top motor, damper motor, and damper gears. The project also includes cleaning of the coils for approximately 186 VAV Units. 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 **\$813,646.00** with a fee of approximately **\$58,504.00**. 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**.

### **4. HVAC Equipment Replacement, Buildings C & D, Northwest Louisiana Technical College, Shreveport, Louisiana, Project No. 19-671-22-01, F.19002417.**

This project consists of the removal and replacement of failing HVAC equipment for Buildings C and D at the Northwest Louisiana Technical College - Shreveport campus. The scope includes removal of existing equipment and replacement of three cooling towers, one chiller unit, two chilled water pumps and the repair or replacement of certain ductwork, as needed. Buildings will remain occupied during construction so work should be coordinated to make minimal impact on the operation of the buildings. 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 **\$620,000.00** with a fee of approximately **\$45,618.00**. 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**.

### **5. Elevator Repair and Upgrade, Agnes Edwards Hall, University of Louisiana - Lafayette, Lafayette, Louisiana, Project No. 19-671-22-01, F.19002416.**

This project consists of repairs and ADA upgrades to the controls for two elevators. The units are traction elevators. This project includes, but is not limited to, the repair, replacement or upgrade to the following components: microprocessor controller, floor leveling system, closed loop door operator machines and related linkage, hoist way and controller wiring, vandal resistant car and hall station buttons and plates, hall and car station fixtures, door boards, car operating panels and hall fixtures. Work is to be coordinated and staged so that

one elevator is operational at all times. Asbestos containing material (ACM) has been identified in the elevator shaft. This project seeks to design, coordinate and construct the new work without removing or disturbing the ACM. 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 **\$600,000.00** with a fee of approximately **\$52,084.00**. 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 **Ernesto Egoavil, Facility Planning & Control, ernesto.egoavil@la.gov, (225)342-3378**.

**6. Lighting Replacement, Turpin Stadium, Northwestern State University, Natchitoches, Louisiana, Project No. 19-671-22-01, F.19002411.**

This project consists of the replacement of approximately 112 antiquated and failing HID fixtures and lamps with a new LED sports lighting system for Turpin Football Stadium. The new lighting system shall meet current NCAA requirements for hosting evening sporting events. The design team shall include a lighting Designer with similar sports venue lighting experience. A structural analysis of existing foundations, poles, cross-arms and other existing elements shall be performed during design of the lighting upgrade to determine whether the existing can be used with the new lighting system. Designer shall review existing electrical infrastructure to ensure suitability for the new system. 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 **\$55,318.00**. 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**.

**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, October 12, 2022 at 11:00 AM** in room **1-136A-B** of the Claiborne Building, 1201 North Third Street, Baton Rouge, LA 70802.