

ENGINEERING SERVICES WANTED

Applications for ENGINEERING Services for the following projects will be accepted until **2:00 p.m., Tuesday, June 27, 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 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. Lab Ventilation and Fume Hood Replacement, Energy Coast & Environmental (ECE) Building, Louisiana State University, Baton Rouge, Louisiana, Project No. 19-671-22-01, F.19002476.

This project consists of the replacement of 8 lab exhaust fan assemblies, replacement of 2 perchloric hood fans and repair of their associated water wash systems, replacement of pneumatic HVAC controls, replacement of 2 damaged hoods, addition of 5 wet exhaust scrubbers on existing hoods, the repair of existing scrubber piping in the Hazardous Sampling Lab and replacement of damaged ceiling tiles throughout. Design services shall be limited to the Program Completion thru Construction Document phases (60% of basic services). 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 **\$2,725,000.00** with a fee of approximately **\$121,440.00**. 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 **Michael Johnson, Facility Planning & Control, michael.johnson@la.gov, (225)342-0962.**

2. Replacement of Air Handling Units, M L Trail Clinical Sciences Research Building, Louisiana State University Health Sciences Center, New Orleans, Louisiana, Project No. 19-671-22-01, F.19002486.

This project consists of the removal and replacement of 6 air handling units and associated equipment located in 5 separate mechanical rooms in the M L Trail Clinical Sciences Research Building (CSRB) on the LSU Health Sciences Center campus in New Orleans, LA. The building is an eight-story building housing medical research facilities. The air handling units will be direct replacements of existing units and will be purchased by and provided by LSUHSC and installed by the contractor. Designer will specify connections and other components necessary for a fully functioning system. Construction shall be coordinated with the user agency taking into consideration that the building will be occupied during construction. 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 **\$887,000.00** with a fee of approximately **\$61,278.00**. Contract design time is **60** consecutive calendar days; including **15** 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. Mechanical and Electrical Repairs, Central Plant Building, McNeese State University, Lake Charles, Louisiana, Project No. 19-671-22-01, F.19002477.

This project consists of mechanical and electrical repairs to the existing central plant at the Facilities & Plant Operations complex. The Central Plant building, constructed in 1985, is 8,045 s.f. The Central Plant houses 4 chillers (957 tons each), 4 boilers (3,000,000 BTU each), and 3 cooling towers. Scope includes, but is not limited to, replace existing interior lighting throughout and exterior lighting on top of towers to LED, replace boiler, replace portions of condenser water piping, provide safety guards on all pumps, repack and clean 3 condenser water pumps that are leaking, provide water filtration system for heating hot water and chilled water systems to serve chilled water loops and hot water loops, remove abandoned pipes on south side of building, remove existing chemical pot feeder that is no longer in use, provide new rack for existing water treatment tanks, piping and devices; replace cooling tower fan motors, cooling tower VFD, and roof hatches, replace oil sight glasses for cooling tower fan gear boxes, clean existing cooling tower fan blades, replace chilled water isolation valves on south side of building, remove abandoned pneumatic controls, tubing, devices etc. that are no longer in use, provide new drinking fountain, new emergency shower and eyewash, etc. The Designer's contract includes asbestos and lead confirmation testing. Should hazardous materials be discovered, Designer's contract will be amended for abatement design. Third party environmental sampling and testing will be a reimbursable expense. The Design shall 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 **\$870,000.00** with a fee of approximately **\$60,201.00**. Contract design time is **45** consecutive calendar days; including **15** 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.**

4. Campus Exterior Lighting Upgrades, Southern University of New Orleans, New Orleans, Louisiana, Project No. 19-617-22-01, F.19002487.

This project consists of improvements to existing campus exterior recreational lighting areas and exterior student housing lighting on the Southern University Campus in New Orleans, LA. LED lighting shall be added to the existing soccer/football field on the Lake Campus to provide a place for recreational activities, as well as the replacement of +/- 70 decorative fixture heads in the student housing area with new LED type fixtures. Also included is replacement of +/- 880 existing canopy lighting fixtures in the walkways and over the doorways of the individual units. The existing light standards and wiring shall be reused to the greatest extent possible. The Designer shall verify the number of fixtures to be replaced and include other system components necessary to provide a fully functioning lighting system. Construction shall be coordinated with the user agency taking into consideration that the building will be occupied during construction. 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 **\$820,000.00** with a fee of approximately **\$57,025.00**. Contract design time is **240** consecutive calendar days; including **80** 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.**

5. Boiler Replacement, Power House East, East Louisiana Mental Health System, Jackson, Louisiana, Project No. 01-107-18-02, F.01004473.

This project consists of the replacement of one of the two 500 hp Cleaver Brooks boilers that serves the East Louisiana Mental Health System (ELMHS). Recent repairs have brought into question the longevity of the boilers' ability to meet the facility needs. Immediate addition of a new boiler is imperative. Since inception, ELMHS has reduced the demand on the existing boilers. The design team shall provide an analysis of the

existing boiler system and its demand to facilitate installation of a new cost and energy efficient boiler capable of lead, lag and/or parallel pairing with the second in-place Cleaver Brooks boiler. Designer services shall include, but are not limited to, arrangement of sample testing of suspect hazardous materials and if applicable, determine the extent of environmental remediation required for the project. Sampling, testing and third party 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 **\$700,000.00** with a fee of approximately **\$58,047.00**. 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 **Tad Sebastian, Facility Planning & Control, tad.sebastian@la.gov, (225)342-0832**.

6. Replace Air Handler Units, Phase II, Oakcrest Building, East Louisiana Mental Health System, Jackson, Louisiana, Project No. 01-107-18-02, F.01004461.

This project consists of the replacement of the 4 air handlers serving the patient care areas at the Oakcrest Building at the East Louisiana State Hospital in Jackson. The two-story brick building, built in 1940, has an area of 66,404 s.f. There are 8 air handling units with 4 of the units replaced in 2022. Engineering services shall also include an assessment of existing patient care HVAC equipment, provide recommendations to address performance deficiencies and options to facilitate the control of desired temperatures at multiple "zones". The Designer's services shall consist of a comprehensive asbestos study, including sampling, testing and air monitoring during abatement. Third party sampling, testing, and air monitoring will be a reimbursable expense. Environmental design shall be a part of the Designer's scope of service as required. The building shall remain occupied during construction; therefore, construction phasing and temporary cooling is anticipated. 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 **\$695,500.00** with a fee of approximately **\$57,705.00**. 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 **Tad Sebastian, Facility Planning & Control, tad.sebastian@la.gov, (225)342-0832**.

7. Replace Emergency Generator, Chief Justice Pascal F. Calagero, Jr. Courthouse, New Orleans, Louisiana, Project No. 01-107-18-02, F.01004466.

This project consists of the replacement of the existing emergency generator at the Chief Justice Pascal F. Calagero, Jr. State Supreme Courthouse, New Orleans, Louisiana. The existing 300 kW diesel generator and above ground tank are to be removed along with its associated electrical conductors, conduit and other appurtenances, and it is to be replaced with a new 350 kW natural gas powered generator and new raised platform. The new generator will be connected to the existing electrical service panel. The selected engineer will coordinate the natural gas supply with the local natural gas provider. Hazardous materials abatement may be necessary to complete the work. If needed, the hazardous materials designer's fee and other associated costs will be added to the Designer contract. Third party sampling, testing and air monitoring (if needed) will be a reimbursable expense. The construction will be coordinated with the User Agency taking into account that the existing building will be occupied during the duration of this 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 **\$650,000.00** with a fee of approximately **\$46,108.00**. Contract design time is **150** 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 **Mark Bradley, Facility Planning & Control, mark.bradley@la.gov, (504)568-8545**.

8. Emergency Power Upgrades, Swanson Center for Youth at Columbia, Office of Juvenile Justice, Columbia, Louisiana, Project No. 08-403-04-02, F.08000150.

This project consists of a new natural gas generator installation, including but not limited to, ATS, associated

utilities infrastructure and electrical riser modifications, remote monitoring, and weather resistant/sound reducing enclosure in order to provide 100% campus-wide standby emergency electrical service. Designer shall be responsible for conducting a detailed assessment of the electrical demand load and sizing the new generator and automatic transfer switch as well as addressing operational programming and any necessary modifications to the existing electrical service riser to accommodate the generator installation. Design shall also include the reuse of the existing diesel generator as a standby power source for the Maintenance Shop and Warehouse. Site placement shall take into consideration proximity to the existing main electrical services, nuisance exhaust and sound transmission to adjacent buildings, and convenience of maintenance access. The facility shall remain operational 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 **\$600,000.00** with a fee of approximately **\$50,420.00**. 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 **Tad Sebastian, Facility Planning & Control, tad.sebastian@la.gov, (225)342-0832**.

9. Replace Uninterruptible Power Supply, Information Services Building, State Capitol Park, Baton Rouge, Louisiana, Project No. 01-107-18-02, F.01004455.

This project consists of the replacement of the original 1997 500kVA/500kW, 1.0 power factor, 480V, 3-phase, uninterruptible power supply system (UPS), including, but not limited to, the main equipment cabinet (containing the inverter, system controls, static-bypass circuit, etc.), the output distribution panel board (having the feeder circuit breakers which are required for re-feeding existing PDU's Nos. 10 through 18), the battery cabinets, the external maintenance-bypass panel board, all other required auxiliary equipment, and all other required appurtenances. Additionally, the modification of the existing and the provision of new structural supports beneath the existing raised floor system as required for the new UPS system to be supported directly by the building (and not the raised floor system) shall be included. The new UPS system shall comply with current codes and industry standards. The facility will remain occupied and in full operation during the course of design and construction, with construction scheduled with the owner for minimal interruptions to operations. All work that requires outages, facility-wide or otherwise, shall take place after-hours or on weekends and in strict coordination with Office of State Buildings (OSB) and Office of Technology Services (OTS). The Designer shall prepare and submit all required drawings to Office of State Buildings 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 **\$575,000.00** with a fee of approximately **\$48,499.00**. Contract design time is **120** 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 **Glenn Frazier, Office of State Buildings, glenn.frazier@la.gov, (225)219-4801**.

10. 4th Floor HVAC Replacement, Joseph S. Clark Administration Building, Southern University, Baton Rouge, Louisiana, Project No. 19-671-22-01, F.19002485.

The project consists of HVAC repairs/replacement on the 4th floor of the four-story, 41,171 s.f., J. S. Clark administrative office building. Scope includes demolition and replacement of the existing 4th floor HVAC system with a new VRF system, new exhaust fans, a new dedicated outside air unit interconnected to the existing BAS, ductwork and associated electrical. The Designer shall complete a comprehensive assessment of the existing HVAC system, including confirmation of design load, sizing of replacement equipment and sizing and routing of associated piping. Existing ductwork may need to be replaced, abandoned, etc. A new, dedicated outside air unit and associated duct will provide ventilation air throughout the 4th floor. The project shall also include integration with the existing digital controls system and its integration into the campus-wide energy management system. Design and 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 **\$475,000.00** with a fee of approximately **\$40,742.00**. 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 **Barry Lynch, Facility Planning & Control, barry.lynch@la.gov, (225)342-3443.**

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 12, 2023 at 11:00 AM** in room **1-100 Louisiana Purchase Room** of the Claiborne Building, 1201 North Third Street, Baton Rouge, LA 70802.