ENGINEERING SERVICES WANTED

Applications for ENGINEERING Services for the following projects will be accepted until **2:00 p.m., Wednesday, September 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 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. Replace Chilled Water Lines, Southern University, Baton Rouge, Louisiana, Project No. 19-616-23-01, F.19002515.
This project consists of demolition and replacement of the existing underground chilled water loop piping (and piping accessories) and associated chilled water piping and accessories at the central plant. It is anticipated that repair and/or replacement of existing chilled water equipment at the central plant, addition of cooling towers, chillers, condenser water pumps, primary and secondary water pumps and controls as required to add additional cooling and flow capacity to the central plant will be needed as well. The Designer is responsible for the full review and evaluation of the entire chilled water generation, piping, chilled water loops, valves, pumps, controls, etc. of the entire system, inclusive of future plans for growth in terms of additional buildings, demolition of buildings, etc. and will develop a program for the entire system to guide the scope of the chilled water loop repairs and replacement in the context of future loads. The Designer will also be responsible for evaluating the existing central plant sequence of operations as well to determine where increased efficiency is possible. Design services shall include comprehensive mold and asbestos remediation, including sampling and testing, and coordination of third party air monitoring during environmental remediation as needed. Third party sampling, testing, and air monitoring will be a reimbursable expense. Design services shall be limited to the Program Completion through Schematic Design phases (15%). 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 **$24,800,000.00** with a fee of approximately **$220,988.00**. Contract design time is **180** consecutive calendar days; including **60** 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. HVAC Renovations, Southern University Shreveport, Shreveport, Louisiana, Project No. 19-618-23-02, F.19002516.
This project consists of demolition and replacement of existing deteriorated/damaged hydronic piping and insulation; HVAC equipment including fan coil units, air handling units, hydronic pumps, exhaust fans, etc.,

piping accessories including valves, expansion tanks, strainers, control devices, etc., deteriorated/damaged duct and insulation, and replacement of existing pneumatic controls with DDC controls system in five buildings on the SUSLA campus. DDC controls in each building will be tied back to the DDC control system at the Central Plant. Additional scope for the University Library includes relocation of hydronic pumps to the ground floor to allow for proper pressure. Additional scope for the Central Plant includes, but is not limited to, replacement of faulty control devices, new centralized control station, new water cooled chillers and hydronic pumps, new refrigerant leak detection monitoring system. Designer shall be responsible for making determinations regarding extent of upgrades and/or enhancements, etc. as well as any and all associated environmental remediation within the areas affected by work. Record drawings will be provided to the Designer. Design and contracted work shall take into consideration that the building(s) 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 **$6,325,000.00** with a fee of approximately **$441,279.00**. Contract design time is **300** consecutive calendar days; including **100** days review time. Thereafter, liquidated damages in the amount of **$400.00** per day will be assessed. Further information is available from **Roy Dowling, Facility Planning & Control, roy.dowling@la.gov, (318)676-7340.**

3. HVAC Equipment Replacement, Louisiana Universities Marine Consortium (LUMCON), Cocodrie, Louisiana, Project No. 19-671-22-01, F.19002511.
The project consists of replacement of various mechanical HVAC components which serve the marine center, dormitories, apartments and main mechanical plant. The project will include the removal and replacement of mechanical chillers, motors/pumps, air handling units, piping and insulation, water heaters, fan coil units and all associated work needed to facilitate a complete component replacement. Used fan coil units will be provided by LUMCON to be installed by the contractor. The project will include the replacement of the building controls 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 **$2,000,000.00** with a fee of approximately **$129,338.00**. Contract design time is **180** consecutive calendar days; including **60** days review time. Thereafter, liquidated damages in the amount of **$150.00** per day will be assessed. Further information is available from **Mark Bell, Facility Planning & Control, mark.bell@la.gov, (225)342-2069.**

4. Drainage Improvements and Raising Level of Street, Nicholls State University, Thibodaux, Louisiana, Project No. 19-621-23-02, F.19002514.
This project consists of drainage improvements on the campus of Nicholls State University, located in Thibodaux, Louisiana. The scope of work includes the installation of piping, culverts, catch basins, and appropriate fill material to eliminate existing ditches and improve the drainage along both sides of Bowie Road from Ardoyne Drive to Highway One, near the Culinary Arts Instruction Building. Designer shall determine if existing retention pond(s) are needed and if not, fill as required. Designer shall also propose alternate ponds, as needed, in other locations on campus. 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 **$1,625,000.00** with a fee of approximately **$125,683.00**. Contract design time is **120** consecutive calendar days; including **40** days review time. Thereafter, liquidated damages in the amount of **$150.00** per day will be assessed. Further information is available from **David Poche, Facility Planning & Control, david.poche@la.gov, (504)568-8547.**

5. Cooling Tower Replacement, Ruffin Paul Sr. Central Plant, Southern University, Baton Rouge, Louisiana, Project No. 19-671-22-01, F.19002517.
This project consists of removal and replacement of the existing 700 ton cooling tower serving the Southern University campus. The new cooling tower should be a high efficiency unit with low maintenance. The scope of work will include all associated piping and electrical that may be required for a complete 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 **$650,000.00** with a fee of approximately **$46,108.00**. Contract design time is **135** consecutive calendar days; including **45** days review time. Thereafter, liquidated damages in the amount of **$100.00** per day will be assessed. Further information is available from **Michael Johnson, Facility Planning & Control, michael.johnson@la.gov, (225)342-0962.**

6. Mechanical Equipment Upgrades, Old Governor's Mansion, Baton Rouge, Louisiana, Project No. 01-107-18-02, F.01004451.

This project consists of replacing various components of the HVAC system at the Louisiana Old Governor's Mansion, a 22,474 s.f., four-story 1927 historic building. The existing water cooled 60 ton chiller will be replaced with a new 60 ton water cooled chiller. The existing single chilled water pump will be replaced with two chilled water pumps for redundancy. The existing condenser water pump located in the building will be removed and replaced with two new exterior condenser water pumps under the cooling tower. The condenser water piping will be modified to accommodate this relocation. The existing pneumatic air compressor and control system will be replaced with DDC controls. The pneumatic controls are currently controlling the three-way valve actuators and the thermostats for the building. The existing Johnson Metasys EMS system will be expanded to accommodate new thermostats, and three-way DDC actuators on the chilled and heating water piping at each of the 15 air handling units. The 15 zones will be capable of controlling temperature and humidity. The existing 700,000 BTU gas fired boiler will be replaced with a new 700,000 BTU copper fin boiler. The existing single heating water pump will be replaced with two new heating water pumps. A VFD will be installed for the existing cooling tower fan motor. All work is to occur while the building is occupied and open to the public. 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 **$456,000.00** with a fee of approximately **$39,255.00**. 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 **Thomas Campbell, Facility Planning & Control, thomas.campbell@la.gov, (225)342-9664.**

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, October 11, 2023 at 11:00 AM** in room **1-136 A-B** of the Claiborne Building, 1201 North Third Street, Baton Rouge, LA 70802**.**