

ENGINEERING SERVICES WANTED

Applications for ENGINEERING Services for the following projects will be accepted until **2:00 p.m., Wednesday, December 15, 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. Campus Storm Water Infrastructure Upgrades, Planning and Construction, LSU Health Sciences Center, New Orleans Campus, New Orleans, Louisiana, Project No. 19-604N-21-01, F.19002379.

This project consists of managing storm water and reducing flooding impacts of rain events for LSU Health Sciences Center's 32 acre campus by creating a comprehensive Storm Water Management Plan (SWMP) with specific projects of quantifiable capacity to achieve the objectives of the plan. Designer will be required to work with the City of New Orleans, the Sewerage & Water Board, City Planning and other authorities having jurisdiction in order to develop appropriate design solutions. Designer will provide SWMP to AHJs that meets the guidelines as detailed in the City of New Orleans' Comprehensive City Ordinance. Cost estimates, anticipated impacts to the system as a whole, any phasing dependencies, and any required land acquisitions or internal rights-of-way adjustments should be identified in the SWMP. Phase 1 of Storm Water Infrastructure upgrades include improvements to Gravier Street such as upgrades to subsurface drainage pipes, new permeable paving and/or rain gardens on streets, improving driving surfaces, etc. in order to mitigate flooding issues. Other future flood mitigation concepts/phases to be considered during development of the SWMP include underground storage chambers, improved parking lots, permeable paving, vegetative solutions, green infrastructure, and removal of impermeable surfaces, and creating green, outdoor spaces that can serve as storm water retention areas and mitigate impacts from existing impermeable surfaces including roofs, etc. At the owner's option, the contract may be amended to include future phases with the corresponding fee adjustment and time, if additional funds become available. 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 **\$2,500,000.00** with a fee of approximately **\$231,928.00**. Contract design time is **180** consecutive calendar days; including **60** days review time. Thereafter, liquidated damages in the amount of **\$300.00** per day will be assessed. Further information is available from **Mark Bradley, Facility Planning & Control, mark.bradley@la.gov, (504)568-8545.**

2. Campus-wide Chillers and Cooling Tower Replacements, Baton Rouge Community College, Baton Rouge, Louisiana, Project No. 01-107-18-02, F.01004265.

This project consists of the demolition and replacement of the four (4) existing 500 ton chillers and their companion cooling towers serving the entire campus, including but not limited to; selective demolition of the existing chillers and cooling towers, associated piping, and isolation valves, and the installation of replacement

chillers, cooling towers, isolation valves, and all associated re-piping and electrical work. Project has been designed through the equivalent of the Construction Documents Approval (Bid Documents) phase of basic services. Design services for this contract will begin at the 50% Construction Documents phase with submittals due for completion of Construction Documents continuing forward for the remainder of basic services through 1-year construction warranty / project closeout. Designer shall be solely responsible for reviewing and modifying the construction documents as necessary to provide a fully functional project. A set of the in-progress Bid Documents will be made available to the Designer for reference and reuse. 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. Design and construction will take into account that the overall project may be completed in multiple phases and the buildings 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 **\$2,100,000.00** with a fee of approximately **\$76,614.00**. Contract design time is **45** 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 **Michael Johnson, Facility Planning & Control, michael.johnson@la.gov, (225)342-0962**.

3. HVAC Replacements, Building A, Northwest Louisiana Technical Community College, Shreveport, Louisiana, Project No. 01-107-18-02, F.01004266.

This project consists of the demolition and replacement of all existing D/X air handlers and companion condensing units serving Building A. 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. The project shall also include the addition of a digital controls system and its integration into campus-wide energy management. Designer shall be responsible for any and all environmental remediation associated with demolition, including but not limited to; arranging for sample testing of suspicious hazardous materials (piping insulation), if applicable, and making determinations regarding the extent of required environmental remediation within the areas affected by the work. Record drawings will be made available to the Designer. 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 **\$776,000.00** with a fee of approximately **\$58,402.00**. Contract design time is **225** consecutive calendar days; including **75** days review time. Thereafter, liquidated damages in the amount of **\$100.00** per day will be assessed. Further information is available from **Roy Dowling, Facility Planning & Control, roy.dowling@la.gov, (318)676-7340**.

4. Drainage Repair & Road Overlay, Southern University, Baton Rouge, Louisiana, Project No. 01-107-18-02, F.01004264.

This project consists of drainage improvements including a dewatering mechanism for draining excessively wet soils to enhance the stability of roads and building sites. The project includes replacement of subsurface drainage pipes to carry storm water runoff to designated ravines at the Intramural Sports Complex, Student Health Center, and Jaguar Courts/Dunn Hall Complex. The Designer will design the new system for current maximum anticipated storm water conditions. Also included is asphalt overlay consisting of milling and overlay for approximately 6,700 sq. ft. of roadway. Designer will determine if base repair is necessary. 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 **\$59,237.00**. 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 **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, January 12, 2022 at 11:00 AM** in room **1-100** of the Claiborne Building, 1201 North Third Street, Baton Rouge, LA 70802.