

## **ENGINEERING SERVICES WANTED**

Applications for Engineering Services for the following projects will be accepted until **2:00 p.m., Wednesday, March 25, 2020**. (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 <http://www.doa.la.gov/Pages/ofpc/Index.aspx>. 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. Utility Infrastructure Improvements, Science Zone, Louisiana State University, Baton Rouge, Louisiana, Project No. 19-601-19-01, WBS F.19002320.**

This project involves utility replacement and associated upgrades to the existing infrastructure within the "Science Zone" on the LSU Baton Rouge campus. The "Science Zone" is generally described as being bordered by South Campus Drive on the North, Highland Road on the East, South Stadium Drive on the South, and Forestry Lane on the West. The project will address and upgrade the existing utility infrastructure as well as provide increased capacity for building expansion within the zone. The new work includes, but is not limited to, the extension and/or increasing capacity of electrical, thermal (chilled water and heating via steam or hydronic heat), domestic water, scientific laboratory gases, and natural gas to serve the existing and future buildings within the zone. The project may include extension and addition of feed loops from the Central Utility Plant (CUP), other existing plants, or new plants as required to best serve the science buildings. Designer is to explore redundancy options. Design services and the fees established are based on and limited to Program Completion through Schematic Design phases only. At the Owner's option, the design contract may be amended to include the additional phases of basic design services with a corresponding fee and time. The Designer shall prepare and submit all required drawings to Facility Planning and Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The funds available for construction are approximately **\$12,500,000.00** with a fee of approximately **\$136,094.00**. 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 **James Pugh, Facility Planning and Control, james.pugh@la.gov, (225)219-1129**.

### **2. Water, Fire and Sewer Line Upgrades, Gillis W. Long Center, Carville, Louisiana, Project No. LA20-A-043, WBS M.13002.**

This project consists of repairs and upgrades to the 80-plus year old subterranean critical utility infrastructure (water, fire, and sewer lines) at the Louisiana Military Department's Gillis Long Center. Existing domestic lines are made of cast iron, undersized, brittle and extremely susceptible to corrosion and groundwater infiltration. Gillis Long Center has approximately 50,720 linear feet of cast iron water lines, 51,000 feet of sewer lines, and 21,000 feet of old fire line piping. This is a phased project subject to availability of funding. Designer shall anticipate three construction phases. Design and construction of the project shall follow the Design Guide (DG) 415-1, DG 415-5, and NG Pam 415-12; as well as all applicable local, state, and federal codes. The Military will initially contract for Title I, design services through bidding, for \$183,773.00 or

approximately 65% of the fee. The fee may increase for topographic and geotechnical surveys and/or assessment of water pressure. After satisfactory completion and acceptance of the work and services furnished, at its option and if funding is secured by the Military, the contract may be amended to include Title II Services (construction contract administration), for the remaining 35% of the fee. The Designer shall prepare and submit all required drawings to the Military in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The funds available for construction are approximately **\$3,564,880.00** with a fee of approximately **\$183,773.00**. Contract design time is **275** consecutive calendar days; including **50** days review time. Thereafter, liquidated damages in the amount of **\$500.00** per day will be assessed. Further information is available from **Colonel (Ret) Michael Deville, michael.p.deville.nfg@mail.mil, (318)641-5909**.

**3. Dam Repairs, Poverty Point Reservoir State Park, Delhi, Louisiana, Project No. 01-107-06B-11; 01-107-18-02, WBS F.01004025; F.01004026.**

This project consists of stabilization of the reservoir levee dam at Poverty Point Reservoir State Park. Approximately 200 yards of the earthen levee dam are sloughing and require repairs. The dam height is 42.0 feet. Structural height is 44.2 feet, and hydraulic height is 40.0 feet. The surface area of the reservoir is 2,460 acres with a drainage area of 6.57 square miles. Also included in the project are roadway and utility repairs resulting from erosion of the levee system. The park will remain in operation during these repairs. The Designer shall prepare and submit all required drawings to Facility Planning and Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The funds available for construction are approximately **\$950,000.00** with a fee of approximately **\$70,974.00**. Contract design time is **150** consecutive calendar days; including **30** days review time. Thereafter, liquidated damages in the amount of **\$125.00** per day will be assessed. Further information is available from **Tom Campbell, Facility Planning and Control, thomas.campbell@la.gov, (225)342-9664**.

**4. HVAC Replacement, Dodson Hall, Louisiana State University, Baton Rouge, Louisiana, Project No. 01-107-18-02, WBS F.01003991.**

This project consists of removal of two rooftop HVAC units located at Dodson Hall on the LSU campus. These units are chilled water cooled and steam heated via the campus central utility distribution system. These units and associated ductwork and piping are to be replaced with new interior units with all necessary mechanical system infrastructure components. Renovations to the existing interior spaces will be required to house the new units within the facility and an architect is required as a project consultant. Existing mechanical and electrical devices which presently occupy the floor space at these areas will need to be displaced. It is anticipated that the project may have to be completed in multiple construction phases due to both the classroom and surrounding building schedules. Hazardous materials abatement will be necessary to complete the work and is included in the scope and in the Designer's fee. The Designer's services will include a comprehensive asbestos survey, including sampling and testing, and air monitoring during the abatement. Third party sampling, testing, and air monitoring will be a reimbursable expense. The Designer shall prepare and submit all required drawings to Facility Planning and Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The funds available for construction are approximately **\$915,000.00** with a fee of approximately **\$92,771.00**. Contract design time is **200** 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 **James Pugh, Facility Planning and Control, james.pugh@la.gov, (225)219-1129**.

**5. Road, Culvert, and Erosion Repair, South Toledo Bend State Park, Anacoco, Louisiana, Project No. 01-107-18-02, WBS F.01004007.**

This project consists of repairing roads throughout the park, replacing a collapsed culvert near the park entrance, and repairing erosion near the park entrance. The entire asphalt park roadway is to be repaired, patched and overlaid. Work at the culvert includes earthwork to stabilize the new pipe, replacement of the

roadway, and placement of a new guardrail. Repair of erosion near the park entrance includes removing the sloughed section of the hill, installing sheet piling, and placing fill material. The park will remain in operation during these repairs. The Designer shall prepare and submit all required drawings to Facility Planning and Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The funds available for construction are approximately **\$825,000.00** with a fee of approximately **\$73,359.00**. Contract design time is **120** consecutive calendar days; including **40** days review time. Thereafter, liquidated damages in the amount of **\$125.00** per day will be assessed. Further information is available from **Rainier Simoneaux, Facility Planning and Control, rainier.simoneaux@la.gov, (225)342-1983**.

**6. HVAC Replacement, Howe Russell Geology Building, Louisiana State University, Baton Rouge, Louisiana, Project No. 01-107-18-02, WBS F.01003992.**

This project consists of removal and replacement of two HVAC units located at the Howe Russell Geology Building on the LSU campus. Project may include the removal and replacement of roofing sections as required to accommodate removal and installation of the new units, and an architect is required as a project consultant. Designer should explore options to minimize disturbances during construction to students and faculty in adjacent facilities. Hazardous materials abatement will be necessary to complete the work and is included in the scope and in the Designer's fee. The Designer's services will include a comprehensive asbestos survey, including sampling and testing, and air monitoring during the abatement. Third party sampling, testing, and air monitoring will be a reimbursable expense. The Designer shall prepare and submit all required drawings to Facility Planning and Control in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The funds available for construction are approximately **\$817,000.00** with a fee of approximately **\$83,613.00**. Contract design time is **200** 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 **James Pugh, Facility Planning and Control, james.pugh@la.gov, (225)219-1129**.

**7. Electrical Infrastructure Modernization, Camp Beauregard Training Center, Pineville, Louisiana, Project No. LA20-A-045.**

This project consists of installation of an underground primary electrical system at Camp Beauregard Training Center, Pineville, Louisiana. The new underground system will replace a section of the existing aerial system. Project includes removal of the existing aerial section being replaced. The new system will be approximately 5,200 feet in length and connect to the existing aerial system where determined. Project also includes new pad mount transformers, underground service entrance cabling, associated electrical requirements, and connection to approximately 30 facilities affected. Design shall adhere to the Camp Beauregard Training Center Master Plan and will comply with the local power provider's commercial design standards. Design and construction of the project shall follow the Design Guide (DG) 415-1, DG 415-5, and NG Pam 415-12; as well as all applicable local, state, and federal codes. During design and construction, power outages shall be minimized. The fee may increase for site investigation (Type A) surveying and testing services. Project must be designed and ready to bid not later than July 31, 2020. The Designer shall prepare and submit all required drawings to the Military in AutoCAD and hard copy. Drawings shall follow the format specified in the "Instructions to Designers for AutoCAD Drawings Submittal". The funds available for construction are approximately **\$562,000.00** with a fee of approximately **\$51,614.00**. Contract design time is **100** consecutive calendar days; including **10** days review time. Thereafter, liquidated damages in the amount of **\$500.00** per day will be assessed. Further information is available from **Colonel (Ret) Michael Deville, michael.p.deville.nfg@mail.mil, (318)641-5909**.

**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 engineer 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 [www.doa.la.gov/Pages/ofpc/Index.aspx](http://www.doa.la.gov/Pages/ofpc/Index.aspx).

**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**

<b>E-Mail:</b>	<b>Deliver:</b>
<b>selection.board@la.gov</b>	<b>1201 North Third Street</b>
<b>Mail:</b>	<b>Claiborne Office Building</b>
<b>Post Office Box 94095</b>	<b>Seventh Floor, Suite 7-160</b>
<b>Baton Rouge, LA 70804-9095</b>	<b>Baton Rouge, LA 70802</b>

**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, April 8, 2020 at 11:00 AM at the Claiborne Building, 1201 North Third Street, Room 1-153 Iowa, Baton Rouge, LA 70802.**

