

**CITY OF PASS CHRISTIAN, MISSISSIPPI
REQUEST OF PROPOSALS FOR
MONITORING AND DATA COLLECTION SERVICES OF WASTE
TREATMENT AND WATER PRODUCTION SYSTEMS**

City of Pass Christian (the "CITY") will accept sealed proposals from qualified firms for professional services required for implementation of uninterrupted data collection of specific activities associated with the integration, coordination, monitoring, of the CITY's waste treatment and water production systems.

Information packages concerning the request for proposals are available at the City of Pass Christian, 200 W Scenic Dr., Pass Christian MS 39571, between the hours of 8 A.M. and 5 P.M., Monday through Friday.

The intent and purpose of this Request for Proposal (RFP), and the resulting contract, is to obtain the services of a qualified firm for professional services for planning, design review, and implementation of a monitoring system to be used in the City of Pass Christian's water production, distribution, and waste water systems. The Successful Firm shall provide all labor, materials, supplies, and monitoring supervision to provide the following scope of service.

The City is not purchasing monitoring or communication equipment. The City is only interested through this proposal in obtaining data collection services.

SCOPE OF SERVICES:

- A. Identify, and consult with the CITY, on the systems that require monitoring.
- B. Create a schedule and sequence to install the systems without interruption to the water production and distribution.
- C. Review the proposed scope of work, and design a monitoring platform that provides for flexibility for future expansion.
 - 1. The detailed design specifications developed by the hardware and software manufacturer/integrator will include the following minimum specifications.
 - a. System communications must be cellular VPN based with the ability to store and retransmit data in case of system outage utilizing a redundant network architecture.
 - b. System communications must utilize AES-256 encryption.
 - c. System must have an open architecture platform allowing for future expansion or implementation of additional sensors with no proprietary limitations or exclusive requirements.
 - d. System must provide real-time notifications of power-failure, high-well, seal-leak, high-temperature, and pump runtimes that exceed or fall short of pre-established maximum and minimum runtimes. Runtime criteria must be configurable on a per-pump basis, and must be remotely configurable via web-based customer portal. Notifications must be able to be sent as text messages (SMS), emails, voice calls, and/or Twitter posts, and should be configurable on a per-recipient basis.
 - e. System must monitor and report rainfall at each location.
 - 2. System should include the ability customize, or format reports and, or perform system configurations by remote access.
 - 3. The proposal should include a bill of materials and labor for installation of the monitoring systems. The City is only responsible for intentional damage to the equipment.
- D. Ongoing technical assistance and onsite training of staff and, or contracted system users.

Proposals should be sealed and properly labeled as "City of Pass Christian, Monitoring and Data Collection Services of Waste Treatment and Water Production Systems" and may be delivered or mailed to: City of Pass Christian, 200 W Scenic Dr., Pass Christian MS 39571 no later **than 3** p.m. on November 7, 2017 after which time they will be opened by the City Clerk at the November 7, 2017 board meeting. The Committee assigned by the Mayor will then review each proposal and recommend a qualified firm or individual to the Mayor and Board of Aldermen for contract approval.

PROPOSAL CONTENT AND EVALUATION CRITERIA

In order for your proposal to be properly evaluated, you must submit a Statement of Qualifications and Experience in sufficient detail. The City will then review each proposal and select a qualified individual or firm.

Contracts will be awarded to the qualified respondent whose proposal is determined to be most advantageous to the CITY, cost and other factors considered. The CITY reserves the right to reject any and all proposals and to waive any irregularities or informalities in the proposal process. The CITY is an equal opportunity employer.

Publish One (1) time in the Gazebo Gazette Legal Section:

Send Proof of Publication and Invoice To:

City of Pass Christian
200 W Scenic Dr.
Pass Christian MS 39571
(228) 452-3312