



# City of Galveston

## DEPARTMENT OF INFORMATION TECHNOLOGY

### STAFF REPORT

**Date** February 23, 2023

**To:** City Manager  
Mayor and City Council Members

**From:** Hope Dean, Information Technology, Executive Director

**Project location:** Impacts the Entire City

**Project:** Battery Backup Power in all  
Infrastructure Closets

#### Request:

Consider approving the purchase of a battery backup solution through SHI Government Solutions utilizing Omnia Partners contract number 2018011-02 for a total cost of \$21,215.71.

#### Prior Council Action

none.

#### Background

1. The city currently has battery backup systems in 16 of 42 technology infrastructure closets.
2. Network equipment and desk side phones are powered by the infrastructure in closets.
3. When there is no battery backup and power is lost, all network communication and phones are powered off until power is restored. Addition of battery backup systems will prevent network switches and desktide phones from powering down when the facility loses power.
4. The battery backups also protect the equipment by massaging the power and protecting against power surges, low voltage, and high voltage spikes.

#### Fiscal Impact Report

- **Funding Source.**
  - Information Technology Capital Improvement Fund



- **Total Cost.**

| Description            | Amount      |
|------------------------|-------------|
| APC UPS – Rack Mount   | \$17,535.00 |
| APC UPS – Form Factor  | \$3,035.00  |
| 2U Vertical Rack Mount | \$645.71    |
| Total                  | \$21,215.71 |

**Alternatives**

- Option 1 – Approve the Purchase of the battery backups.
- Option 2 – Do Not approve and the infrastructure remains unprotected from power anomalies, communication and phone outages.

**Staff Recommendation**

Approve the purchase of the backup battery solution through SHI Government Solutions utilizing Omnia Partners contract 2018011-02 for a total cost of \$21,215.71.

**Attachments**

Quotation # 23087613