BIX

# Service Center Drainage Improvements

Award of Bid May 6, 2024



Public Works & Engineering

## **Project Origin**

- Building Flooding:
  - Storm water penetrates the Service Center Staging Building in heavy rain events
  - Solution: Replace pavement around building to slope away to reduce/eliminate water from entering building
  - Approximately 2,800 sq. yds. of pavement replacement
- Storm Water Storage:
  - Service Center is currently noncompliant with the Design Standards Manual
  - Solution: Construct detention pond to reduce storm water runoff
  - Overall footprint 2.8 acres
  - Detention pond will allow for future development of the Service Center site





### Major Project Components

- Replace drainage culverts under driveway to discharge into proposed pond
- Water Operations will use the opportunity to extend water line beneath the driveway and move a fire hydrant





### Major Project Components



- Remove existing paving around Staging Building
- Replace pavement to slope away from building
- Install trench drain in front of former Emergency Operations Center
- Install additional 16 parking spaces on south side of drive aisle
- Parking spaces are appropriately sized for City/Service vehicles



### Major Project Components



- Detention pond embankment to be constructed using soil from Service Center site
- Pond outlet consists of one concrete pipe
- Emergency spillway is included
- Concrete flume in bottom of pond



# **Construction Procurement**

- Invitation to Bid issued March 12, 2024, bids were opened April 9, 2024
- Two vendors attended the mandatory pre-bid meeting
- One (1) submission received 2L Construction, LLC
  - \$1,021,780 (Alternate A concrete paving for additional parking area)
  - \$1,010,180 (Alternate B crushed asphalt for additional parking area)
- Funding Source:
  - Water & Sewer Bond (Project Construction Budget \$1,250,000)
- Staff Recommends:
  - Award of single bid received based on being within engineer's construction estimate and favorable experiences with this vendor on previous City projects
  - Contingency Fund: \$100,000
  - Total Authorization: \$1,121,780





# Project Timeline



#### Today

Council consideration of contract award



## **Action Requested**

Approve an award of bid to 2L Construction, LLC in the amount of \$1,021,780 with a project contingency of \$100,000 for a total amount of \$1,121,780



# Questions / Discussion

Tiana Jackson, P.E., CFM Engineering Manager - Capital tjackson@burlesontx.com 817-426-9619

