

Memorandum



CITY OF DALLAS

DATE August 25, 2023

TO Honorable Mayor and Members of the City Council

SUBJECT **Follow-up to the August 16, 2023, City Council Briefing – 2024 Bond Update**

The purpose of this memorandum is to provide follow-up to two unanswered questions posed after the “2024 Bond Program Update” presentation provided during the City Council Briefing on August 16, 2023.

Question: What is included in Information & Technology Services’ (ITS) 2024 Bond request?

Effective October 1, 2024, the City of Dallas will take possession of an operating Tier III+ data center and ITS is requesting \$30.0M from the proposed 2024 Bond Program to fund facility upgrades and modifications and ITS’ migration to the new data center. The new facility will house all current data center equipment and all mission critical systems/applications operating outside of a secure data center environment. Additionally, the upgraded facility could potentially serve as a future home for 911 services and the Emergency Operation Center. Specifically, the \$30.0M will be allocated as follows:

- Perform upgrades to the new facility **(\$16.5M)**:
 - Comprehensive building assessment of building to be conducted upon possession of building.
 - Repairs and remediations to known problems to the facilities parking structure.
 - Installation of a new Physical Access Control System (PACS) which includes installation of card readers, new locks, new doors, and other equipment, devices, and/or software for the PACS.
 - Security cameras throughout the facility.
 - Any remediation to industrial control systems (primarily cooling) as assessed necessary.
 - Any remediation to electric delivery systems (e.g. power metering) as assessed necessary.
- Purchase and installation of hardware and/or software required for the operation of the facility **(\$9.0M)**:
 - Industrial control monitoring (heating, cooling, and electric monitoring).
 - Network equipment and software.
 - Server equipment and software.
 - Wiring, cabling, conduit, trays, and other items needed to make the facility operational as a data center (as assessed necessary).
- Office Relocation **(\$4.5M)**:
 - Office space renovation for staff to be located at the new facility.
 - Other facility modifications to support business functions of relocated staff.

Referencing the \$30.0M ITS request, for comparison, the costs of fully constructing a new data center (from site selection to design build) would likely range in cost between \$175.0M to \$325.0M, based upon the size and the defined needs.

Background of the Current City of Dallas Data Center

The City's current data center was opened in City Hall in 1978 and has not been significantly updated in the subsequent 45 years. This was originally designed as office space and was retrofitted to serve as a data center. The current data center has multiple deficits impacting its operation, effectiveness, and resilience such as:

- The Uninterrupted Power Supply (UPS) is only sufficient to cover half of the systems currently housed in the data center.
- The cooling systems lacks redundancy and is inadequate to meet current demands.
- The data center lacks a fire suppression system.
- The overall power and cabling is inadequate and difficult to design and implement based on the architecture of the current building.
- There is inadequate space to house all of the City systems that should be operated out of the data center. There are multiple mission critical applications/systems being operated by departments in a space that is less secure, lacks backup power, and does not have adequate climate controls.

Question: Can you provide the list of propositions being deliberated by each Bond Subcommittee?

Please see the table on Page 3 for a breakout of the various propositions proposed for the 2024 Bond Program and their associated Subcommittee.

Should there be additional questions, please contact Jenny Nicewander, P.E., Interim Director of Bond and Construction Management, at Jennifer.Nicewander@dallas.gov.



Dr. Robert M. Perez
Assistant City Manager

c: T.C. Broadnax, City Manager
Tammy Palomino, Interim City Attorney
Mark Swann, City Auditor
Biliera Johnson, City Secretary
Preston Robinson, Administrative Judge
Kimberly Bizzor Tolbert, Deputy City Manager
Jon Fortune, Deputy City Manager

Majed A. Al-Ghafry, Assistant City Manager
M. Elizabeth (Liz) Cedillo-Pereira, Assistant City Manager
Carl Simpson, Assistant City Manager
Jack Ireland, Chief Financial Officer
Genesis D. Gavino, Chief of Staff to the City Manager
Directors and Assistant Directors

Subcommittee and Bond Proposition Name

Proposition	Task Force Subcommittee
Streets	Streets & Transportation
Park & Recreation	Parks & Trails
Transportation	Streets & Transportation
Flood Protection, Storm Drainage and Erosion Control	Flood Control and Storm Drainage
Housing Infrastructure	Economic Development, Housing and Homeless Solutions
Economic Development	Economic Development, Housing and Homeless Solutions
Public Safety Facilities (PSF) - Combined	Critical Facilities
Public Safety Facilities - Fire	Critical Facilities
Public Safety - Fire Training Facility	Critical Facilities
Public Safety Facilities - Police	Critical Facilities
Public Safety - Police Training Facility	Critical Facilities
Cultural and Performing Arts Facilities	Critical Facilities
City Facilities	Critical Facilities
Library Facilities	Critical Facilities
Homeless Assistance Facilities	Economic Development, Housing and Homeless Solutions
Information Technology	Critical Facilities