Enterprise Asset Management (EAM)

Board of Directors - June 2024

Board Action Requested

Authorize the award of a contract to Trapeze Software Group, Inc. for the purchase of cloud-based Enterprise Asset Management (EAM) system.

What is an Enterprise Asset Management (EAM) system?

- It is a tool for the management and administration of the maintenance of physical assets throughout each asset's lifecycle. Assets include the following: buses, vehicles, parts, buildings, infrastructure, and subsystems

- It is a software platform to plan, optimize, document, and track maintenance activities. It is tailored to priorities, skills, materials, tools, and trends.

EAM System Assessment/Status

CONSULTANT (Jan '21 through May '24)
(Needs Assessment, Report, Develop
RFP, Support Negotiation)

| 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |

PROCUREMENT
(July '22 through May '24)
(RFP, Evaluate, Negotiate)

REQUESTED BOARD ACTION
(June '24)

Why do we need it?

- **Current Spear System (1998) is obsolete and not supported**
- **Cloud platform supports new technology, workflow processes, integration, and cyber security requirements**

EAM +
ViewPoint BI

Facilities
Management

Vehicle
Intelligence

EAM
Mobile

Fuel
Management

MAP-21

State of
Good Repair

Organizational Benefits

- **Single source of data**
- **Security and data protection**
- **Transit Asset Management (TAM)**
  - **Database directly supports the District's TAM Plan and associated asset reporting requirements**
- **State of Good Repair (SOGR)**
  - **Rolling stock and facilities preventive maintenance, preventive maintenance scheduling, infrastructure asset condition tracking, and work-order management**
- **Digitization of SOGR and maintenance documents**

Organizational Benefits (Continued)

- **Maintenance Programs**
  - **Provide efficient and effective maintenance services**
  - **Provide timely and accurate data to existing BI platform**
- **Organizational Change Management**
  - **Improve workflow process**
- **Support of Zero Emissions Fleet Transition**
  - **Fleet and infrastructure monitoring**
  - **Trend and failure analysis**

Software Maintenance & Subscriptions

- **Enterprise Asset Management (EAM) Software**
- **ViewPoint**
- **Application Program Interface (API)**
- **Illustrated Parts Catalog (IPC)**
- **Cloud Services**

Project Costs

Implementation Services and Software	$3,178,984
Expenses, Tax, Fees, Contingency	$728,375
10-Year O&M Maintenance/Subscriptions	$4,088,161
10-Year Project Cost	$7,995,520
Additional Option:	
5-Year O&M Maintenance/Subscriptions	$2,925,466
15-Year Project Cost	$10,920,986

Project Timeline – 28 Months
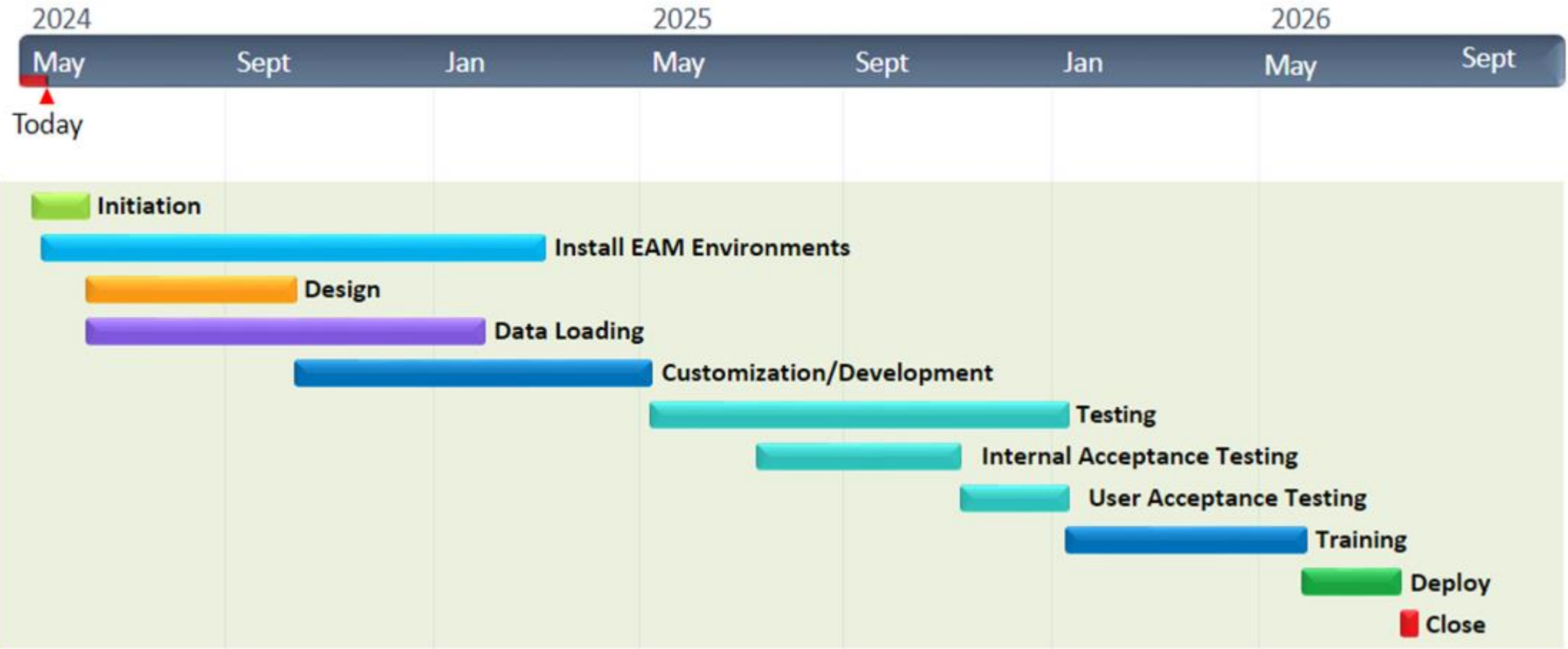
Solicitation Process

- **August 5, 2022: the District issued Request for Proposals (RFP) 22-S-T-029 for an EAM provider and implementor**

- **Seven firms submitted proposal using four different EAM systems**

- **The Selection Committee narrowed the list to two systems: Hexagon and Trapeze (Oct '22 – Mar '23)**

- **After demonstrations and interviews, staff selected the Trapeze EAM system from Trapeze Software Group, Inc. of Cedar Rapids, Iowa (Oct '22 – Mar '23)**

- **Staff determined that Trapeze possesses the depth of experience and qualifications needed to successfully perform the Services (Oct '22 – Mar '23)**
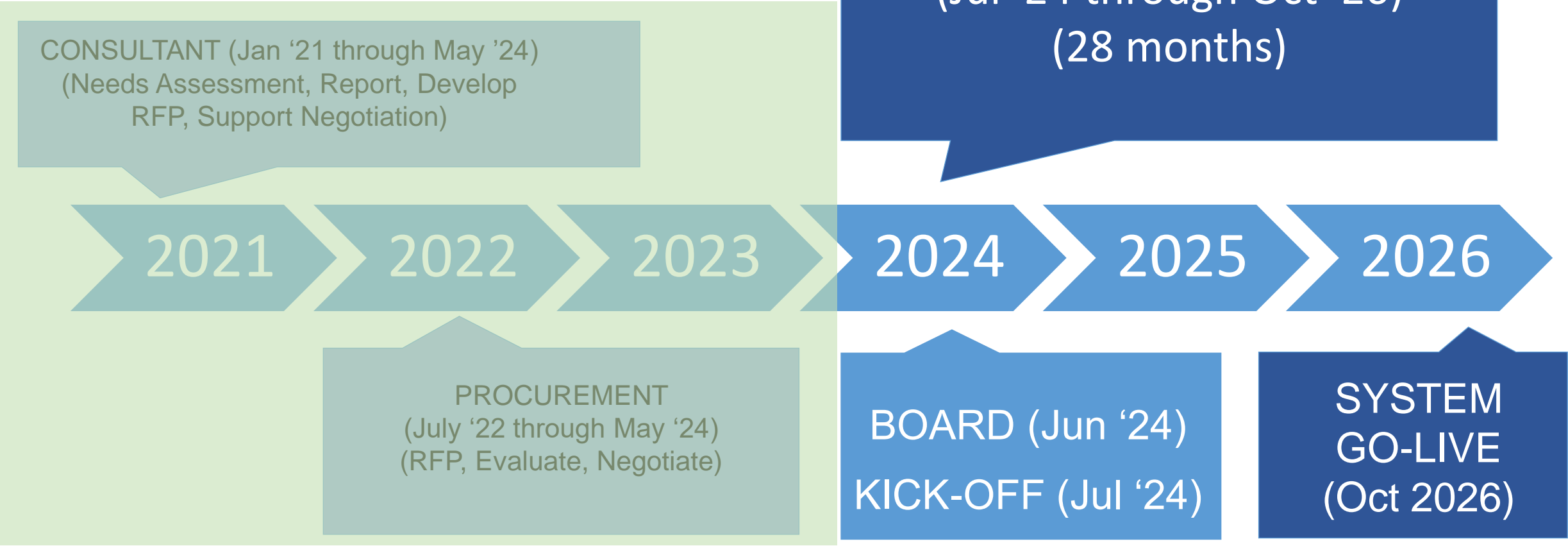
Price Analysis and Negotiations

- **Staff conducted a price analysis and determined that Trapeze's negotiated prices are fair and reasonable.**

- **Negotiations began in March 2023 and were completed in May 2024.**

Proposed Action

- Staff recommends Board authorize award of a contract to Trapeze Software Group, Inc. of Cedar Rapids, Iowa (Trapeze) for the purchase, configuration, implementation, subscription, and maintenance of an enterprise asset management (EAM) system for a not-to-exceed amount of $7,995,520 for a ten-year base term.

- Authorize the GM/CEO or designee to execute a contract in full conformity with the terms and conditions of the solicitation documents and negotiated agreement, and in a form approved by legal counsel.

- Authorize the GM/CEO or designee to exercise up to five one-year option terms at an amount not-to-exceed $2,925,466 in the aggregate for all five option terms, if determined to be in the best interest of the District.

Next Steps

SYSTEM IMPLEMENTATION
(Jul '24 through Oct '26)
(28 months)

CONSULTANT (Jan '21 through May '24)
(Needs Assessment, Report, Develop
RFP, Support Negotiation)

2021 ▶ 2022 ▶ 2023 ▶ 2024 ▶ 2025 ▶ 2026

PROCUREMENT
(July '22 through May '24)
(RFP, Evaluate, Negotiate)

BOARD (Jun '24)

KICK-OFF (Jul '24)

SYSTEM
GO-LIVE
(Oct 2026)

Questions