



**Enterprise Asset Management System (EAMS)
Software and Implementation, Contract 23P221**

Sue Hauge, Deputy CIO

Sam Paske, Assistant General Manager, ES

Kristin Thompson, Director, Asset Management, MT



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Business Process System Integration Program



Enterprise Projects for The Council



Technology upgrades are sparking transformation

- The Business Process System Integration (BPSI) Program was launched in 2021
- Objectives:
 - Establish clear, consistent and standardized practices that meet the needs of all business units
 - Deliver, implement, and integrate the technology systems that support those processes
- The Enterprise Asset Management System (EAMS) project is part of the BPSI program

BPSI Program Overview



Enterprise Asset Management (EAMS)



Enterprise Procure to Pay (EP2P)



Enterprise Time & Attendance (ETA)



Enterprise Application Integration (EAI)



BPSI TXbase Functionality



Operational Reporting

2024 Program Highlights

Moving towards implementation

- ❖ Identified the need for professional organizational change help
- ❖ Onboarded Implementation vendor for procurement and Timekeeping/Absence Management projects
 - Planning
 - Requirements
- ❖ Collaborated with entire Council:
 - 125 current state & requirements sessions held
 - 400+ Council stakeholders engaged
- ❖ Completing RFP process for Enterprise Asset Management (EAMS) solution & implementation vendor

Asset Management



Met Council Asset Management



Assets:

The infrastructure and equipment that help us serve the region, such as:

- Wastewater treatment systems
- Pipes
- Lift stations
- Light rail lines and cars
- Buses
- Bus and light rail stops
- Facilities and garages

Asset management:

The people, processes, systems and technologies used to ensure Met Council assets are well maintained to support our mission

Asset Management Context

FM 8-1 Management of Regional Assets

- *...ensuring appropriate accountability and stewardship of resources...*
- *Physical Asset Management will focus on best value and life-cycle operation and management while meeting established Customer Levels of Service*



Asset Management by the Numbers

Met Council Asset Highlights

- 110,000+ assets
- Environmental Services
 - 7600 maintenance structures
 - 4600 valves
 - 2100 pumps
 - 600 miles of interceptor sewer lines
- Metro Transit + MTS
 - 2000 revenue vehicles
 - 131 BRT and Rail stations
 - 9900 bus stops
 - 21 miles of LRT track & infrastructure

Work Management

Over 1000 employees track their work activities in Asset Management Software

~250,000 annual work orders managed

\$50,000,000+ of annual asset expenditures

Mission Critical Role

Council work performed in TXbase and Oracle WAM

- Vehicle Maintenance
- Rail Systems Maintenance
- Sewer Pipe Maintenance
- Equipment Preventive Maintenance
- Corrective Repairs due to Failures
- Spare Parts Management
- Asset Inventory
- Facility Maintenance
- Regulatory Required Actions
- Safety Critical System Maintenance
- Crew Workload
- Planning
- Condition-Based Maintenance
- Cost Optimization
- Engineering Design Data
- Warranty Claims

Current Challenges



Current Asset Management Software

- Legacy systems are past their useful life
- Duplicative division-specific systems
- Processes lack consistency across work groups
- Lack enterprise reporting
- Difficult to get data to support asset investment decisions
- User needs have grown beyond existing capability
 - Mobile Technology
 - Geographic Information System/Mapping Integration

Our workers require efficient, modern technology to support the Met Council's growth in regional services.

Enterprise Asset Management Solution



EAMS = Enterprise Asset Management Solution

The Met Council will replace TXbase and WAM with one EAMS to:

Manage Asset-Related Work

- Provide a cost-effective asset management system
- Improve processes across Met Council
- Empower staff with better information and tools

Make Asset Decisions & Plans

- Provide data to manage asset performance
- Facilitate compliance reporting
- Inform decisions to repair or replace assets

Benefits of a New EAMS

Staff-Friendly Tools

Updated modern interface with mobile access

Vendor-supported technology

Enhanced software capabilities

Enabling Modern Management

Comprehensive view of Met Council assets

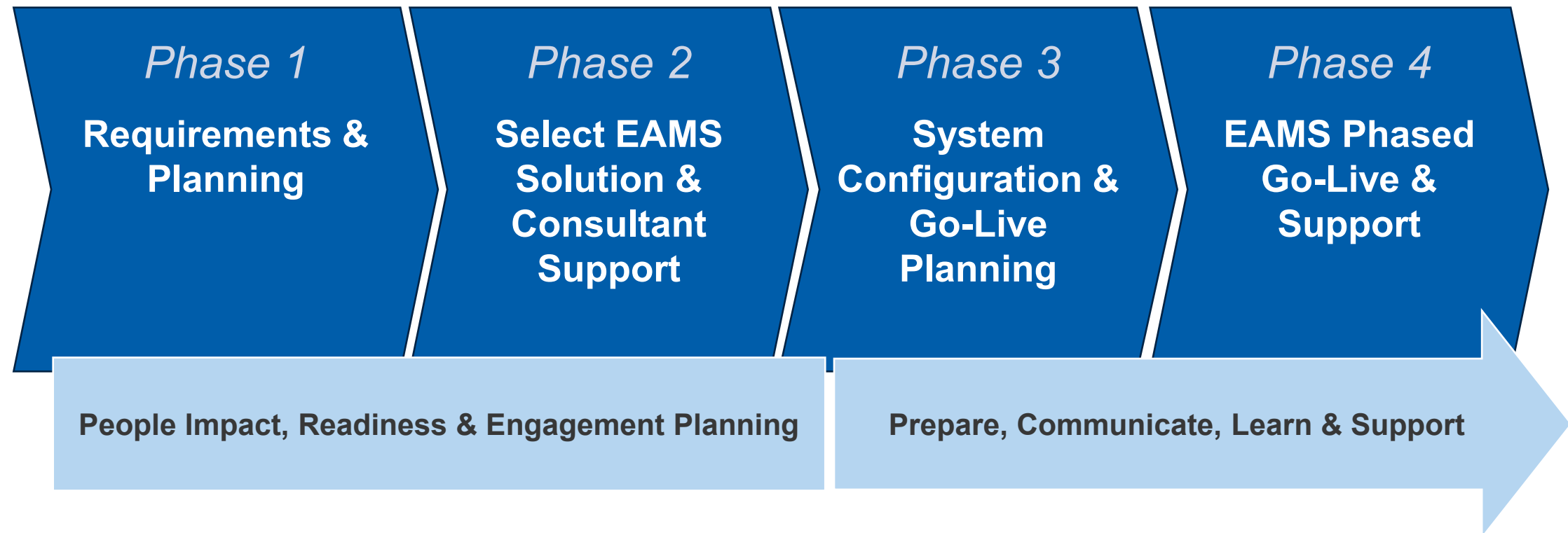
Enable collaboration and decision making across divisions

Consistent processes and reporting functions

EAMS Project Process

A Four-Phased Project Approach

We are Here 



EAMS Project Activities

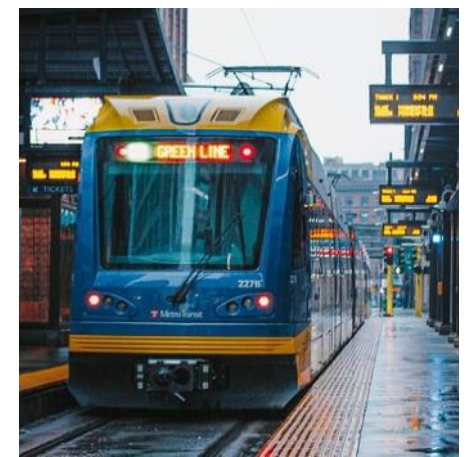
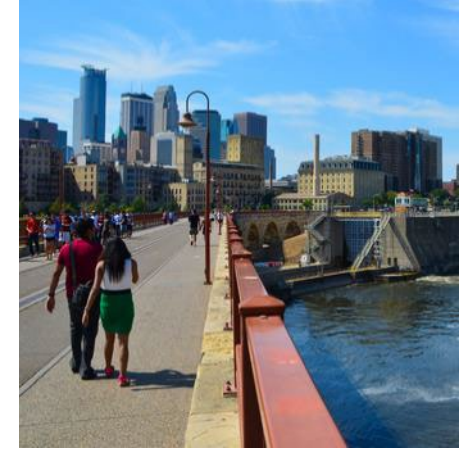
Strengthening Asset Management Capabilities

Completed 2023-Q1 2025:

- Current state validation & alignment
- Met Council Capability Model Report
- Asset Management Business Needs Report
- Requirements and supporting materials for RFP
- Business process documentation
- Asset Management training

Ongoing:

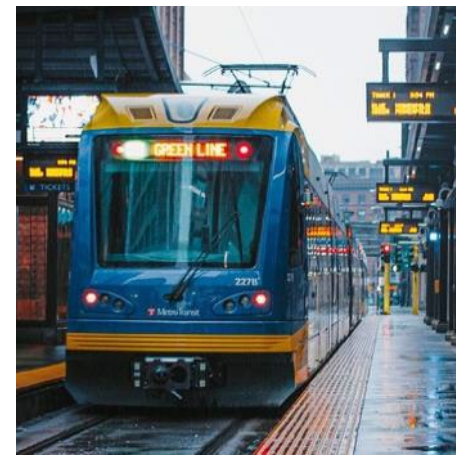
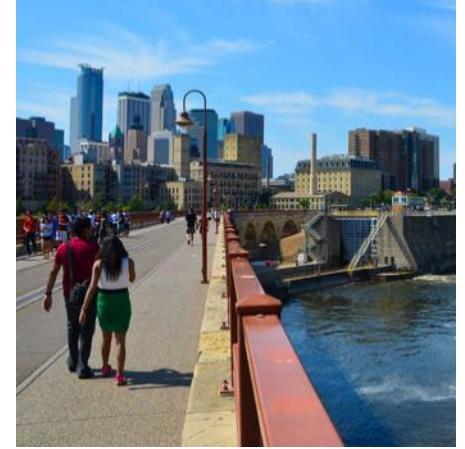
- Asset classification
- Asset information requirements
- Project & operational governance
- Council approval for software and implementation vendor



Council-wide EAMS: a Thoughtful Process

EAMS work will continue to include:

- Preparing for the long-haul by taking steps to understand current and future EAMS technology needs
- Engaging users across the Met Council in the needs and configuration of the new EAMS
- Ensuring everyone is set up for success with training and resources that will help teams adapt to changes, and help managers prepare for changes coming
- Planning for how the system will be governed and supported in the long term



RFP Process

Timeline

- April 4, 2024: Request for Proposals issued
 - Small business inclusion: MCUB goal of 7%
 - 67 registered plan holders
 - 26 plan holders identified as minority, veteran, small or disadvantaged enterprises
- May 20, 2024: Council received 10 proposals to be evaluated
- October 2024: Top ranked vendors invited to present demos
- March 12, 2025: Management Committee
- March 26, 2025: Metropolitan Council

Proposed Action



Business Item 2025-74

That the Metropolitan Council authorize the Regional Administrator to negotiate and execute contract 23P221 with 21Tech LLC, to provide consulting services for the implementation of HxGN EAM with software licensing and support in an amount not to exceed \$7,826,252.



Sue Hauge, Deputy CIO
sue.hauge@metc.state.mn.us

Sam Paske, Assistant General Manager, ES
sam.paske@metc.state.mn.us

Kristin Thompson, Director, Asset Management, MT
kristin.thompson@metrotransit.org

