



City of Tacoma

## **TACOMA PUBLIC UTILITIES / TRANSMISSION & DISTRIBUTION**

**ADDENDUM NO. 1**

**DATE:** August 17, 2023

### **REVISIONS TO:**

**Request for Proposals Specification No. PT23-0091F**

**ADVANCED DISTRIBUTION MANAGEMENT SYSTEM (ADMS)**

### **NOTICE TO ALL PROPOSERS:**

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

### **REVISIONS TO THE SUBMITTAL DEADLINE:**

The submittal deadline remains the same.

### **REVISIONS TO THE GENERAL INFORMATION AND REQUIREMENTS:**

The question deadline has been extended to 3:00 p.m. Pacific time, Friday August 18, 2023.

The information presented by PowerPoint at the Pre-Proposal meeting on Thursday, August 10, 2023 is attached.

**NOTE:** Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the signature page. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8468 and request return of their bid/proposal for acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Proposals Specification No. PT23-0091F Addendum No. 1. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

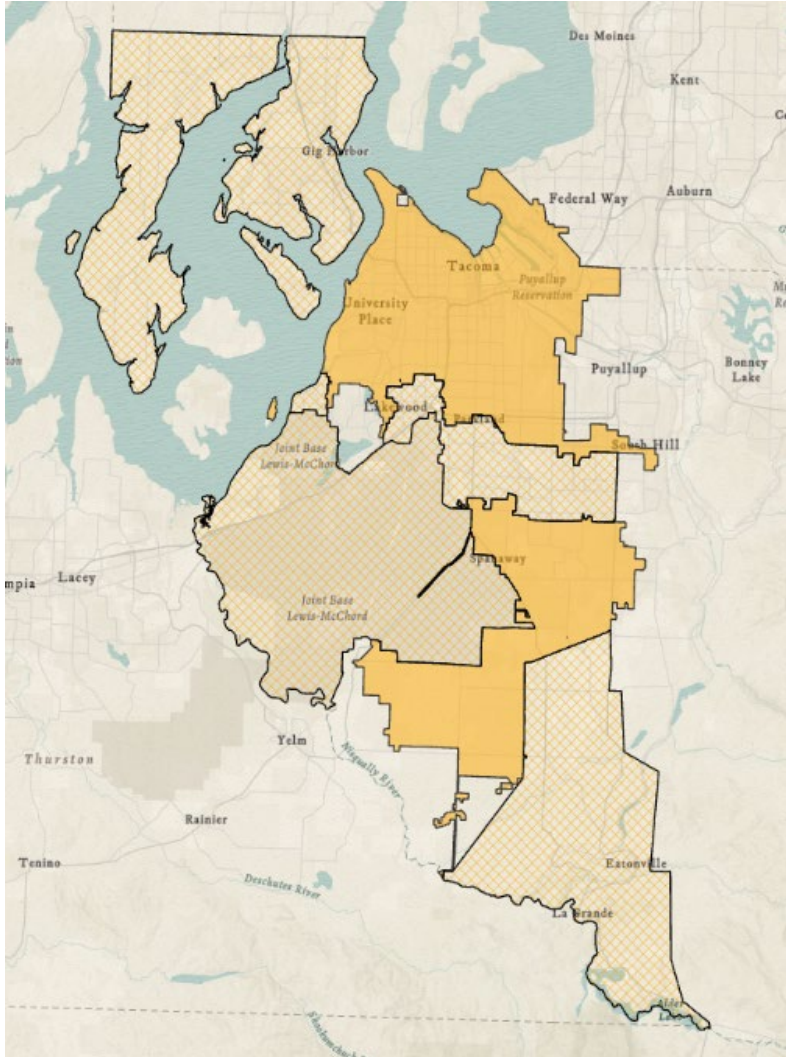
cc: Mark Pervinich, Sr Technology Project Manager



# ADMS Request For Proposal

John Nierenberg

# Tacoma Power Overview



- Over 185,000 accounts
  - 89% residential
  - 9% small commercial
  - 2% general commercial and industrial
- Avg. Residential Rate: 8¢ per kWh
- Service territory 180 square miles
- Generation capacity: 713 MW
- Serves 101 substations
- 2030 miles Distribution
- 353 miles of Transmission
- Own & operate four hydro power projects
- Purchase significant portion of power from BPA
- NERC Registrations: TO / TOP / TSP / GO / GOP / BA

## Current Grid Modernization Progress

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Implemented modern Energy  
Management System (OSI  
Monarch)

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Implementing our first Advanced  
Meter System (Sensus AMI)

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Implementing a modern GIS (ESRI  
ArcGIS Utility Network)

# Why now?



Time to update our OMS



Customers are looking to higher levels of resiliency



More customers need higher reliability as they are working from home



We need more visibility and control of the distribution system



Electrification is creating additional challenges that we need to prepare for

# ADMS Solution

- OMS
    - Parity with our CGI solution
  - Training simulator
    - OMS
    - Future Distribution Management components
  - Separate DSCADA system
    - Compliance
    - Cyber Security
  - Distribution Management
    - Existing Switches / Reclosers
    - Existing Secondary Network Protectors
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- Advanced Tools
    - Study mode
    - Unbalanced load flow
    - Load forecasting
    - Switching
    - State Estimation
    - FLISR
    - Fault Location Analysis
    - VoltVar