

# Energy and Climate Consultant Services Contract

## Contract No. AE131392EN088

*Executive Management and Audit Committee  
March 19, 2026  
Board Report 2025-1049*

# Recommended Board Action

## **AUTHORIZE the Chief Executive Officer to:**

- A. AWARD a cost-plus fixed fee, task order-based Contract No. AE131392EN088, with TRC ENGINEERS, INC. (CA) for Energy and Climate Consultant Services, for a three-year base term in an amount Not-To-Exceed (NTE) \$18,078,000 plus two, one-year options in an amount not to exceed \$3,111,000 for each option year, for a total NTE amount of \$24,300,000, subject to the resolution of any properly submitted protests, if any;
- B. AWARD individual Task Orders and modifications up to the authorized NTE contract amount of \$3,900,000 or the project's authorized budget, whichever is less.

# Background: Energy Management at Metro



## 6 ENERGY MANAGEMENT SYSTEMS

- + Adds resiliency**
- ≈ Moderates facility loads**
- Reduces costs of utility service upgrades**

## 5 ENERGY STORAGE SYSTEMS

- Batteries at bus and rail facilities for resiliency
- Energy storage systems for Traction Propulsion Substations
- ≈ Moderates facility loads**

## 1 BUS ELECTRIFICATION

- Electrification of Metro's fleets to zero-emission alternatives

**+ Adds Resiliency (VPP)**

**+ Adds new system load**

## 2 BUILDING AUTOMATION/ ENERGY EFFICIENCY

**- Reduce energy spend**

**- Reduces facility loads**

## 3 EV CHARGING + CHARGING LOAD MGMT

- Installation of charging infrastructure
- Manage charging load across Metro sites

**+ Adds new facility load**

**≈ Moderates facility loads**

## 4 SOLAR + STORAGE

- Deployment of solar at highest potential Metro divisions and facilities

**+ Resiliency /Reliability**

**- Reduces facility loads**



# Background

## **Clean Energy Transition Requires Technical Depth:**

- Advanced energy planning and engineering support are essential to deliver a reliable, low-carbon transit system.
- 2021 Energy & Climate Consultant contracts provided critical modeling, design guidance, and policy integration capacity.

## **Delivered Major Milestones:**

- Developed Metro's Climate Action and Adaptation Plan (CAAP).
- Established a climate and energy resilience framework.
- Integrated GHG reduction and climate policy into capital programs.

## **Energy Demand Is Accelerating:**

- 2025 Energy Master Plan projects electricity use will triple by 2050.
- Annual energy costs could increase from \$95M today to over \$500M.
- Growth driven by fleet electrification, rail expansion, charging infrastructure, and utility rate escalation.

## **Implementation Requires Agency-Wide Coordination:**

- Reduce and actively manage energy use.
- Expand onsite renewables and battery storage. Strengthen resilience against grid outages.
- Ensure continuity of operations for daily riders.



# No. AE131392EN088 Scope of Work

- **Building Energy Management** – programs, projects, and initiatives oriented towards reducing and managing Metro’s use of energy resources, maintaining state of good repair, and improving occupant health and comfort within existing and future buildings, maintenance facilities, passenger stations, and other structures.
- **Energy Supply and Vehicle Fuel** – programs, projects, and initiatives oriented towards reducing emissions and managing costs related to energy supply and vehicle fuel.
- **Climate Adaptation & Resilience** – programs, projects, and initiatives oriented towards increasing the resiliency of the Metro system and transit services to the effects of extreme weather events and long-term climate changes.
- **Air Quality and GHG Monitoring and Mitigation** – programs, projects, and initiatives oriented toward meeting Metro’s air quality and GHG emissions reduction goals.
- **Energy and Climate Services Non-Technical Concentrations including LA28 Olympic Support Services**



# Issue and Discussion

## ISSUE

- > As energy management underpins more than half of Metro's climate strategy and is critical to system reliability, Metro requires specialized technical consulting support to implement its Board-adopted Energy Master Plan and climate commitments while ensuring safe, resilient, and cost-effective transit operations.

## DISCUSSION

- > As Metro expands and electrifies its fleet, reliable and resilient energy management is essential to maintaining service, controlling costs, and meeting Board-adopted climate commitments. Consolidating energy and climate consulting services under Contract No. AE131392EN088 provides the specialized technical expertise needed to implement the Energy Master Plan and Moving Beyond Sustainability strategies, strengthen operational resiliency, support major regional initiatives, and ensure continued delivery of safe, reliable, and cost-effective transit service.



# Issue and Discussion

## AWARDEE

> TRC ENGINEERS, INC. (CA)

EVALUATION CRITERIA	MAXIMUM POINTS	TRC ENGINEERS, INC. (CA)	GFT INFRASTRUCTURE, INC.	KIMLEY-HORN & ASSOCIATES, INC.
Qualifications and Experience of Firms and Firms Key Personnel	35	30.25	30.24	29.16
Understanding of Work Appropriateness of Approach for Implementation	25	21.66	21.25	20.15
Effectiveness of Management Plan	20	16.83	15.73	16.24
Innovative Sustainable Practices and Experience	20	16.01	16.04	16.74
<b>Total Score</b>	<b>100</b>	<b>84.75</b>	<b>83.26</b>	<b>82.29</b>



# No. AE131392EN088 SBE Commitments

The Diversity and Economic Opportunity Department (DEOD) established an overall 30% Disadvantaged Business Enterprise (DBE) goal on all task orders funded with federal dollars and 27% Small Business Enterprise (SBE) and 3% Disabled Veteran Business Enterprise (DVBE) goals on all task orders funded with state and/or local dollars for this task order-based contract. TRC ENGINEERS, INC. (CA) met the SBE and DVBE goals by making overall 27% and 3% SBE/DVBE commitments, respectively.

There are 9 certified Small Businesses and one Disabled Veteran Business participating in this contract. This is noteworthy since small businesses are vital for the economy as they drive job creation, foster innovation, and strengthen local communities.

**In the past energy and climate consulting contract, this same contractor achieved a 26% SBE rate with 9 certified small businesses over past 5 years.**



# Next Steps

Upon Board approval, staff will execute Contract No. AE131392EN088 and proceed with issuing Task Orders as the need for these services arise. Material activities and work products related to the support provided by this contract will be included in Metro's annual sustainability report.

