



# 2021 Major Projects Overview

February 11, 2021

# Agenda



	<b>Introduction</b>	John Wesley White (1-2 min)	10:00 AM
	<b>Welcome Remarks</b>	Sylvester Fadal (5-7 min)	10:02 AM
<b>Engineering and Construction Presentation</b>	BART Phase II	Mary Talentinow (5 min)	10:09AM
	Highway Projects	Gene Gonzalo (5 min)	10:14 AM
	Transit Engineering	Ken Ronsse (8 min)	10:19 AM
	Traffic Engineering and Express Lanes	Murali Ramanujam (2 min)	10:27 AM
	Questions	Staff (5 min)	10:29 AM
<b>Technology and Facilities Presentation</b>	Technology	Richard Bertalan (5-7 min)	10:34 AM
	Facilities	Mel Gonzalez (8 min)	10:41 AM
	Questions	Staff (5 min)	10:49 AM
<b>Procurement, Real Estate, Risk Management, and Planning Presentation</b>	Procurement and Contracts	John Wesley White (5 min)	10:54 AM
	Real Estate	Ron Golem (2-3 min)	10:59 AM
	Enterprise Risk Management	Judith Harteau (2-3 min)	11:02 AM
	Planning and Programming	Jason Kim/ Nikki Diaz (5-7)	11:05 AM
	Questions	Staff (5 min)	11:12 AM
<b>Supplier Registration and Business Diversity Programs</b>	Supplier Registration	John Wesley White (3-5 min)	11:17 AM
	Business Diversity	Olga Medina (5-7min)	11:22 AM
	Questions	Staff (5 min)	11:29 AM

# Engineering and Construction Projects





# BART Phase II

## BART Silicon Valley Phase II Extension Project



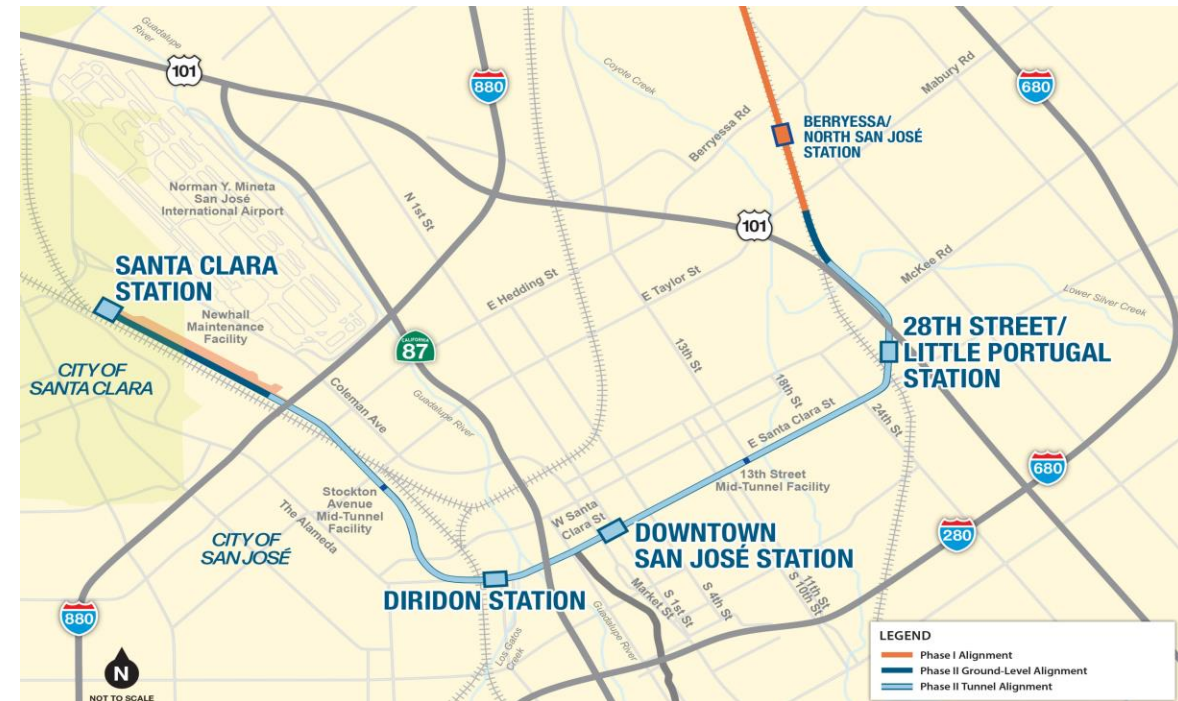
*Solutions that move you*



# Major Projects - BART Phase II



- Revenue service for the 10-mile Phase I extension of BART into San Jose with two stations began on 13 June 2020.
- Phase II is a \$6.5B project for a 6-mile, 4 station extension that includes a 5-mile tunnel under downtown San Jose to terminate in Santa Clara near San Jose International Airport
- Construction Complete - 2028
- Revenue Service - 2030



# BSVII Contract 1 - Systems



**Project Description:** Design and construct all rail systems elements

**Type of Work:** Design and Construction

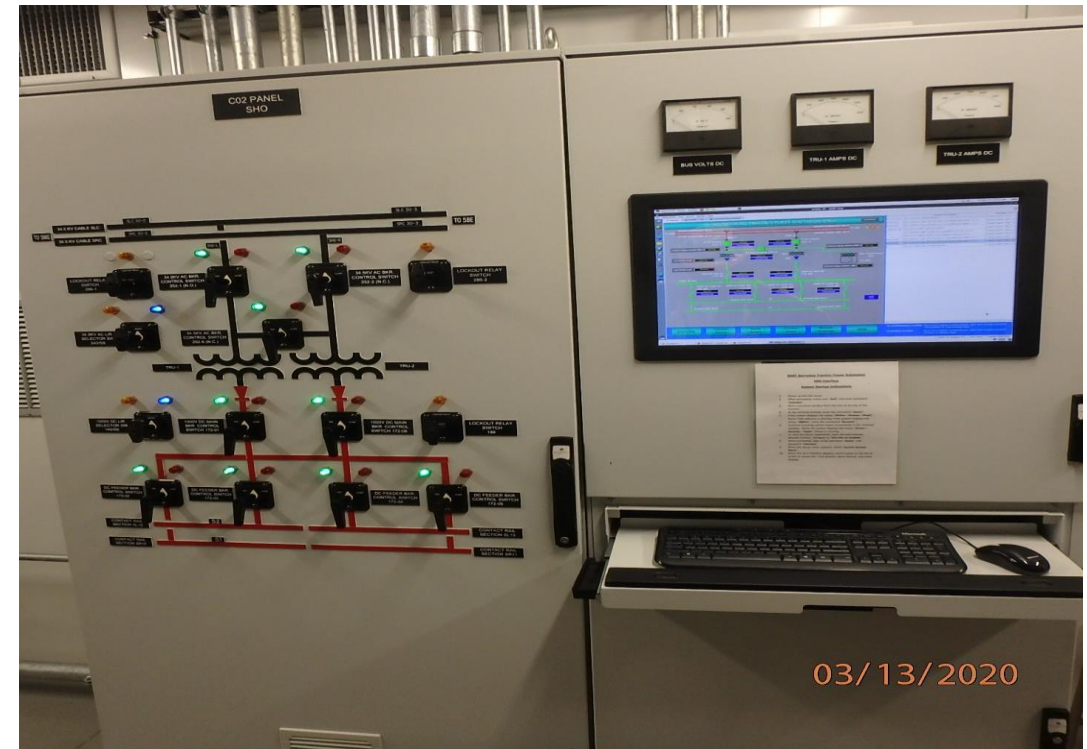
**Contract Term:** 2021 - 2029

**Type of Contract:** Design-Build

**Estimated Value:** \$500M

**RFQ:** Currently Available

**RFP:** Summer 2021



# BSVII Contract 2 - Tunnel and Trackwork



**Project Description:** Design and construct tunnel and trackwork, mid-tunnel facilities, 28<sup>th</sup> Street/Little Portugal Station support of excavation and utility relocations as required

**Type of Work:** Design and Construction

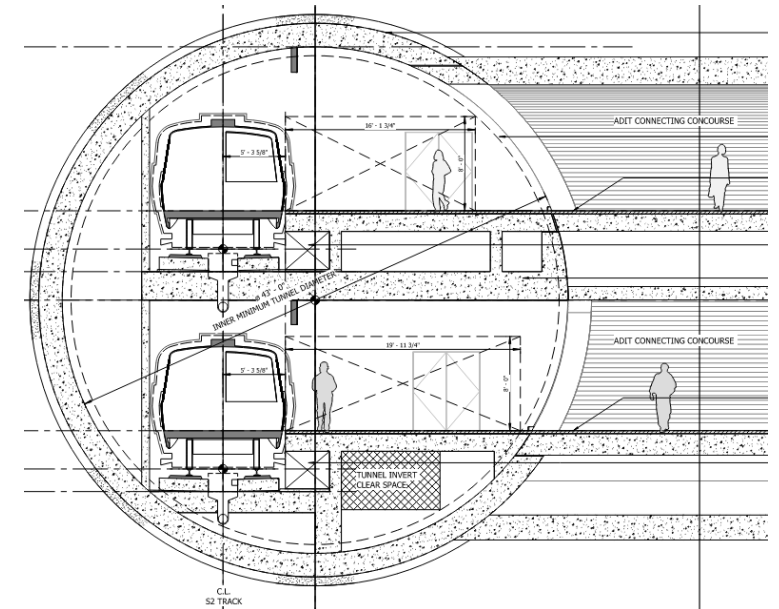
**Contract Term:** 2022 - 2028

**Type of Contract:** Progressive Design-Build

**Estimated Value:** \$2B

**RFQ:** Currently Available

**RFP:** TBD



# BSVII Contract 3 - Newhall Yard and Santa Clara Station



**Project Description:** Design and construct Newhall Yard and Maintenance Facility, line and track, Santa Clara Station, 500 space parking garage and utility relocations as required

**Type of Work:** Design and Construction

**Contract Term:** 2023 - 2028

**Type of Contract:** Design-Build

**Estimated Value:** \$500M

**RFP:** Summer 2021





# BSVII Contract 4 - Underground Stations and Support Facilities



**Project Description:** Design and construct 3 stations: 28<sup>th</sup> Street/Little Portugal, Downtown San Jose, and Diridon Stations; general scope includes: site, streetscape and utilities improvements, architectural fit-out. Transit-oriented development to be accommodated.

**Type of Work:** Design and Construction

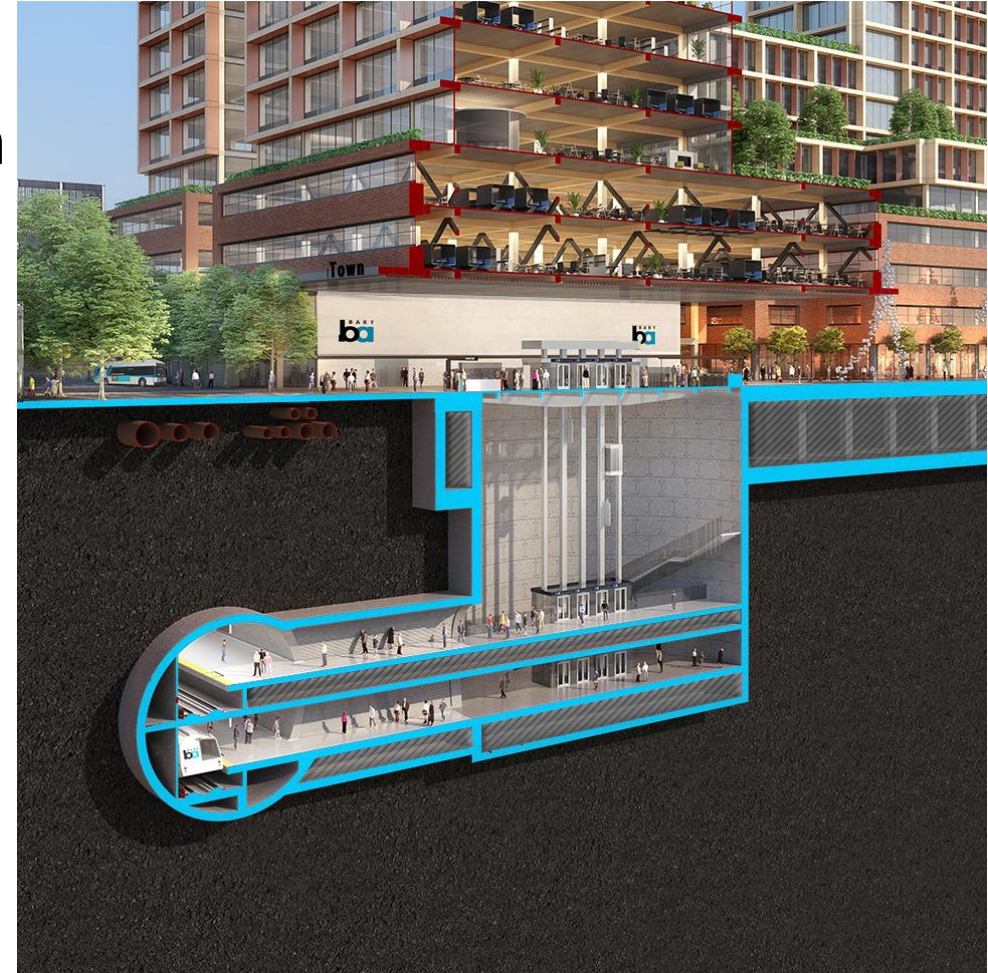
**Contract Term:** 2022 - 2028

**Type of Contract:** Design-Build

**Estimated Value:** \$1B

**RFQ:** ~ February 2021

**RFP:** Summer 2021



# BSVII Construction Safety Oversight



**Project Description:** Oversee the Health and Safety Program on four (4) Design-Build Construction contracts supporting BART Phase II

**Type of Work:** Occupational Health and Safety Monitoring

**Contract Term:** 2021 - 2030

**Type of Contract:** Consulting - Fixed Price

**Estimated Value:** \$9M

**RFP:** Spring 2021





# VTA Capital Project Support Services

**Project Description:** Project Management & Staff Augmentation Services

**Type of Work:** Project management, construction management services, engineering and architectural design support, planning support, and general staff support for capital improvement projects.

**Contract Term:** 2022-2028 (7 years)

**Type of Contract:** Two Contracts; Task Order/T&M

**Estimated Value:** \$60M (ea. Contract)



Engineering & Program Delivery Division

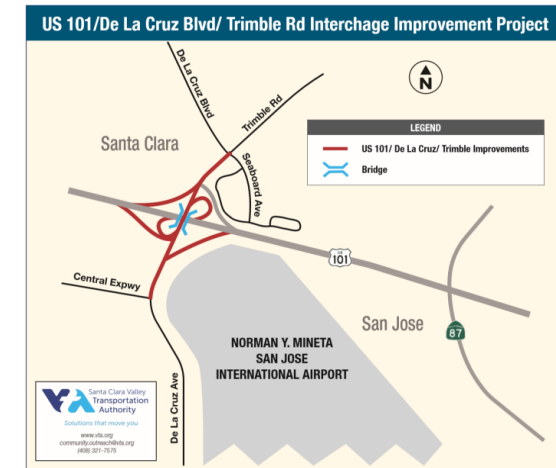
# Highway Projects

# Highway Project



## US 101/Trimble Road/De La Cruz

- **Project Description:** Widen De La Cruz Boulevard; replace the existing De La Cruz Boulevard Overcrossing; realign the northbound and southbound on-ramps and off-ramp to convert the interchange from a three-quarter cloverleaf to a partial cloverleaf configuration, eliminate the southbound loop off-ramp; and construct a Class I bicycle-pedestrian path along the west side of De La Cruz Boulevard.
- **Type of Work:** Structures work, traffic control, electrical work, roadway embankment, roadside signs, pavement, striping, and landscaping.
- **Contract Term:** Summer '21 - Summer '24 (includes 1 yr. plant establishment)
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$45M - \$55M



# Highway Project

## US 101 – Southbound SR 87 Ramp Widening/US 101 – Story Road Ramp Metering Project

- **Project Description:** Widen southbound US 101 to SR 87 ramp to two lanes; Widen and install ramp meter on Story Road on-ramp to southbound US 101
- **Type of Work:** Pavement widening, roadway excavation, electrical work, pavement striping, traffic control, traffic signing.
- **Contract Term:** Spring '21 – Spring '22
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1M - \$5M



# Highway Project



## Mathilda Ave Improvements (Landscaping)

- **Project Description:** Replacement of planting removed during interchange civil construction, landscaping, irrigation and ground cover. The construction duration also include a three-year Plant Establishment Period (PEP).
- **Type of Work:** Landscaping
- **Contract Term:** Summer '21 - Winter '24 (6 mos plus 3-year PEP)
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1M - \$5M



# Highway Project



## I-680 Soundwalls

- **Project Description:** This project proposes to construct soundwalls along I-680 between Capitol Expressway and Mueller Avenue.
- **Type of Work:** Traffic control, fencing, concrete foundations, masonry work.
- **Contract Term:** Fall '21 - Fall '22 (12 mos. estimated)
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1M - \$5M







# Engineering & Program Delivery Division

## Transit Engineering Projects

# Transit Project



## Light Rail System Rehabilitation

### Light Rail OCS Rehabilitation

- **Project Description:** Retrofit and rehabilitation of light rail traction power overhead catenary system with focus on Guadalupe Corridor.
- **Type of Work:** OCS electrical and traction power
- **Contract Term:** Advertise late 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$20M



# Transit Project



## Light Rail System Rehabilitation

- **Project Description:** Retrofit and rehabilitation of rail for light rail crossing panels, crossings, broken rail, etc.
- **Type of Work:** Civil, Trackwork, and Signals
- **Contract Term:** Advertise late 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$20M



# Transit Project



## Structure Rehabilitation

### Bridge and Structure Repair and Rehabilitation

- **Project Description:** Repair bridge deficiencies for structures used by light rail and heavy rail operation
- **Type of Work:** Civil and Structural
- **Contract Term:** Advertise late 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$500,000



# Transit Project



## Light Rail Safety Enhancement

### Track Intrusion Prevention and Safety Railing

- **Project Description:** Furnish and install fencing and railing along light rail to prevent track intrusion.
- **Type of Work:** Civil, Railing and Fencing
- **Contract Term:** Advertise late 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$7M



# Transit Project



## Light Rail Safety Enhancement

### Pedestrian Swing Gate Repair

- **Project Description:** Repair and upgrade the pedestrian swing gates along the light rail alignment.
- **Type of Work:** Civil and Railing
- **Contract Term:** Advertise late 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$1M



# Transit Project



## Light Rail Safety Enhancement

### Vasona Back Gate Construction

- **Project Description:** Furnish and install pedestrian railroad upgrade gates and swing gates to prevent intrusion when trains are crossing at intersections
- **Type of Work:** Civil, Track and Signaling
- **Contract Term:** Advertise late 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$3M





# Transit Project

## Passenger Facility Rehabilitation

### Light Rail Platform Rehabilitation

- **Project Description:** Repair and rehabilitate finishes and various light rail platforms
- **Type of Work:** Finishes
- **Contract Term:** Advertise late 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$500,000





# Transit Project



## Pavement Rehabilitation

### North Yard Paving Rehabilitation

- **Project Description:** Remove and replace failed paving and provide pavement rehabilitation throughout bus parking area
- **Type of Work:** Civil and Paving
- **Contract Term:** Advertise early 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$1.5M



# Transit Project



## Facility Modification

### Chaboya Building Modification

- **Project Description:** Retrofit and expand building to allow maintenance of articulated buses
- **Type of Work:** Structural, Electrical, Mechanical, Fire Alarm and Sprinkler, and Finishes
- **Contract Term:** Advertise fall 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$8M

# Light Rail Extension



## Eastridge to BART Regional Connector

- **Project Description:** 2.4-mile light rail extension with direct fixation double track on aerial guideway. Includes an aerial station with pedestrian overcrossings and at grade station at the end of the line.
- **Type of Work:** Civil, structural, electrical, track, OCS and traction power, signaling and station finishes
- **Contract Term:** Advertisement in mid 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$250M to \$300M



# Transit Project



## Equipment Procurement

### Guadalupe Train Wash Replacement

- **Project Description:** Replace and upgrade existing train wash and provide improvements to related infrastructure
- **Type of Work:** Civil, electrical, plumbing and mechanical
- **Contract Term:** Advertise late 2021
- **Type of Contract:** Best Value
- **Estimated Value:** \$1M



# Transit Project

## Equipment Procurement

### Modular Building Furnish and Installation

- **Project Description:** Furnish and install prefabricated modular building for use as a training site for operations at an existing park and ride lot.
- **Type of Work:** Civil, electrical, plumbing and mechanical
- **Contract Term:** Advertise early 2021
- **Type of Contract:** Best Value
- **Estimated Value:** \$700K



# Transit Project

## Professional Services Procurement

### Fiber Line Replacement

- **Project Description:** Light rail signaling engineering for rehabilitation of existing infrastructure
- **Type of Work:** Light rail signaling
- **Contract Term:** Advertise mid 2021
- **Type of Contract:** Cost Plus Fixed Fee
- **Estimated Value:** \$250K



# Traffic Engineering & Express Lanes

# Traffic Engineering & Express Lanes Project



## Light Rail Transit Signal Priority (TSP) Detection Upgrades Project – Equipment Installation

### TSP Equipment Installation

- **Project Description:** Install VTA furnished TSP equipment at up to 92 signalized intersections along the light rail corridor.
- **Type of Work:** Traffic Signal Equipment Installation
- **Contract Term:** First or Second Quarter of 2021
- **Type of Contract:** Low bid construction
- **Estimated Value:** \$70,000 to \$90,000





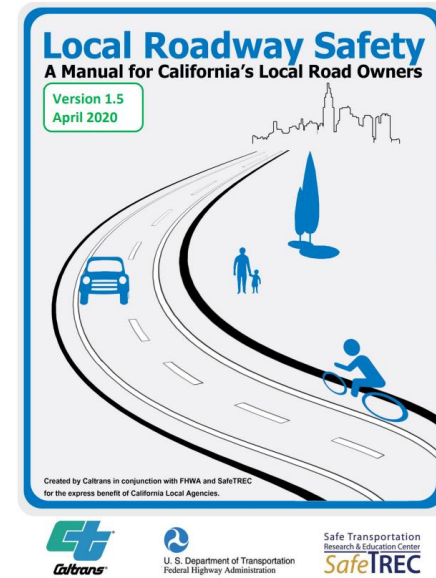
# Traffic Engineering & Express Lanes Project



## Countywide Local Streets and Roads Safety Plan

**Project Description:** Develop a safety plan to eliminate/reduce fatal and serious injury collisions in Santa Clara County that meets Caltrans Highway Safety Improvement Program requirements.

- **Type of Work:** Planning Roadway Safety Document
- **Contract Term:** April 2021 to April 2022
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$100,000 to \$120,000





# Questions?

# Technology and Facilities



An aerial photograph showing a transit station with a train on the tracks, adjacent to a multi-lane highway with traffic. The surrounding area includes residential buildings, parking lots, and green spaces. The image is partially obscured by a blue graphic element.

# Technology

# Santa Clara County-wide Commuter Rewards Program



## App and/or Web-bases

- **Project Description:** A vendor to offer VTA a web-based commuter management solutions software/app that will assist VTA launch a County-wide effort to assist commuters choose between alternative modes of transportation including walking, biking, carpooling and others, as opposed to solo driving. Solution must provide the ability to review trip dashboards, enroll and participate in incentive and reward programs, initiate and be included in ride-matching services and use the platform for automated trip tracking. This service must have the capability to enroll individual members of the public as well as individual entities and/or groups of entities. Moreover, the platform must be able to allow entities to manage their own commuter rewards incentives but with VTA as the overall umbrella organization overseeing the county-wide effort.
- **Type of Work:** Software as a Service
- **Contract Term:** Two-Year
- **Type of Contract:** TBD
- **Estimated Value:** \$200,000

# Technology Department Projects



## Microsoft Office Upgrade

- **Project Description:** Microsoft O365 upgrade, Teams, Power Apps, Project, AI and Bots. Create team sites to share information, content and files throughout the agency using SharePoint. Also, host online meetings and video calls.
- **Type of Work:** Technology Software Support
- **Contract Term:** 04/2021 - 04/2023
- **Type of Contract:** Fixed price
- **Estimated Value:** \$350,000



PowerPoint



Word



Excel



OneNote



Publisher



Access

# Technology Department Projects



## Data Protection for Production Enterprise

- **Project Description:** Backup system hardware and software support upgrade. Provide backup and restoration services for critical applications such as Email, contents on TheHub, Trapeze OPS, File and Print services , eInvoices, MyVTA and SAP.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 04/2021 - 04/2022
- **Type of Contract:** Fixed price
- **Estimated Value:** \$180,000

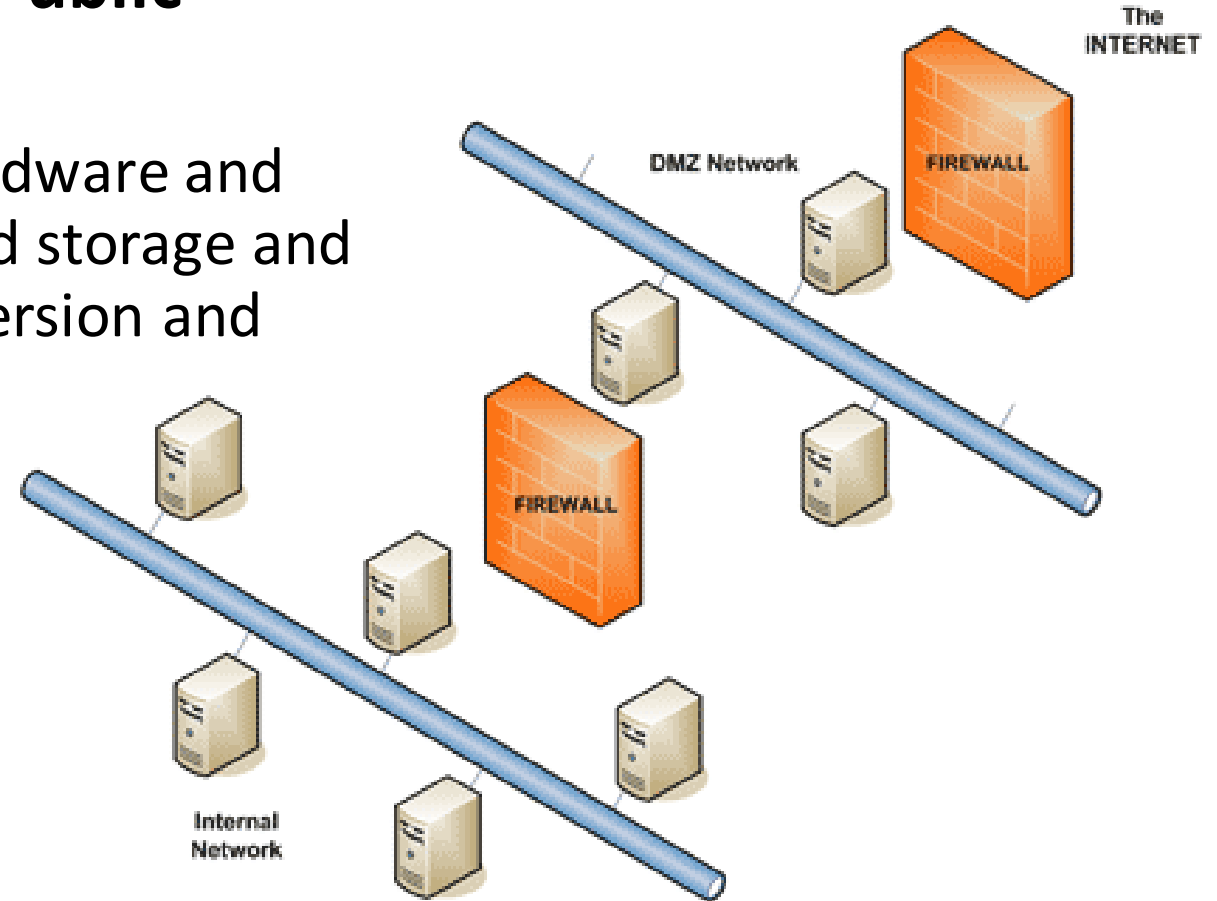


# Technology Department Projects



## Hardware and Software Upgrade for Public Systems

- **Project Description:** Perimeter server hardware and software upgrade. Install new servers, add storage and upgrade software to current supported version and migrate servers to the new environment.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 04/2021 - 06/2022
- **Type of Contract:** Fixed price
- **Estimated Value:** \$250,000





# Technology Department Projects



## Enterprise Systems Monitoring Tool

- **Project Description:** Security monitoring vRealize Operation Manager. vRealize Operations Manager identifies issues in any monitored system component, often before Technology Department staff notice a problem. vRealize Operations Manager also frequently suggests corrective actions the staff can take to fix the problem right away.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 04/2021 - 04/2023
- **Type of Contract:** Fixed price
- **Estimated Value:** \$190,000

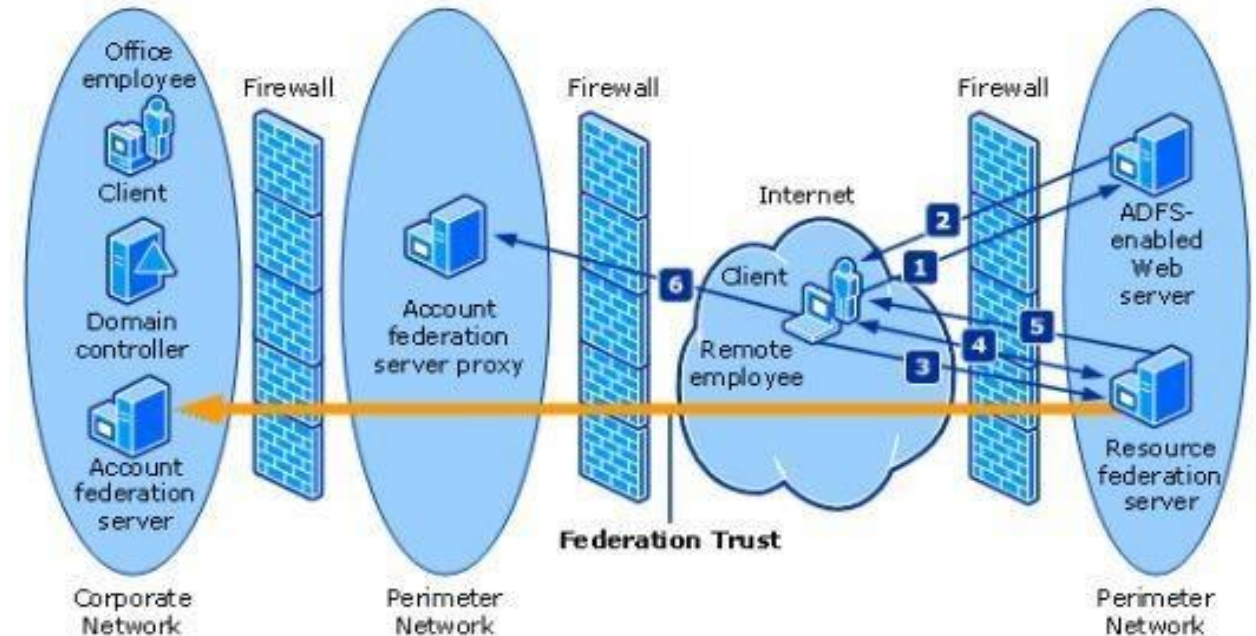


# Technology Department Projects



## Single Sign-on for Applications

- **Project Description:** Migration AD FS to Azure. Migration of current Active Directory Federation Services currently on-premise to Microsoft Azure cloud, which provides redundancy and built-in disaster recovery feature.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 03/2021 - 03/2022
- **Type of Contract:** Fixed price
- **Estimated Value:** \$50,000



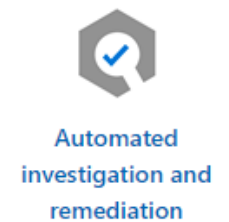
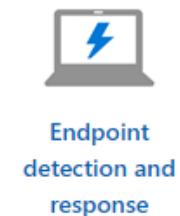
# Technology Department Projects



## Microsoft Advanced Threat Protection (ATP)

- **Project Description:** MS Windows Defender ATP. Enterprise endpoint security platform designed to help Technology networks prevent, detect, investigate, and respond to advanced threats for Windows PCs, Laptops and remote users.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 03/2021 - 03/2022
- **Type of Contract:** Fixed price
- **Estimated Value:** \$100,000

### Microsoft Defender ATP



# Technology Department Projects



## Routine Server Replacement and Enhancement

- **Project Description:** Synergy computer module memory upgrade Expansion of the existing hardware environment with new servers to support on-premise applications and database.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 05/2021 - 05/2023
- **Type of Contract:** Fixed price
- **Estimated Value:** \$350,000



# Technology Department Projects



## Routine Storage Replacement and consolidation

- **Project Description:** Storage replacement Replace legacy storage with newer technology and support of Solid State hard drives to support on-premise critical applications.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 03/2021 - 05/2022
- **Type of Contract:** Fixed price
- **Estimated Value:** \$400,000

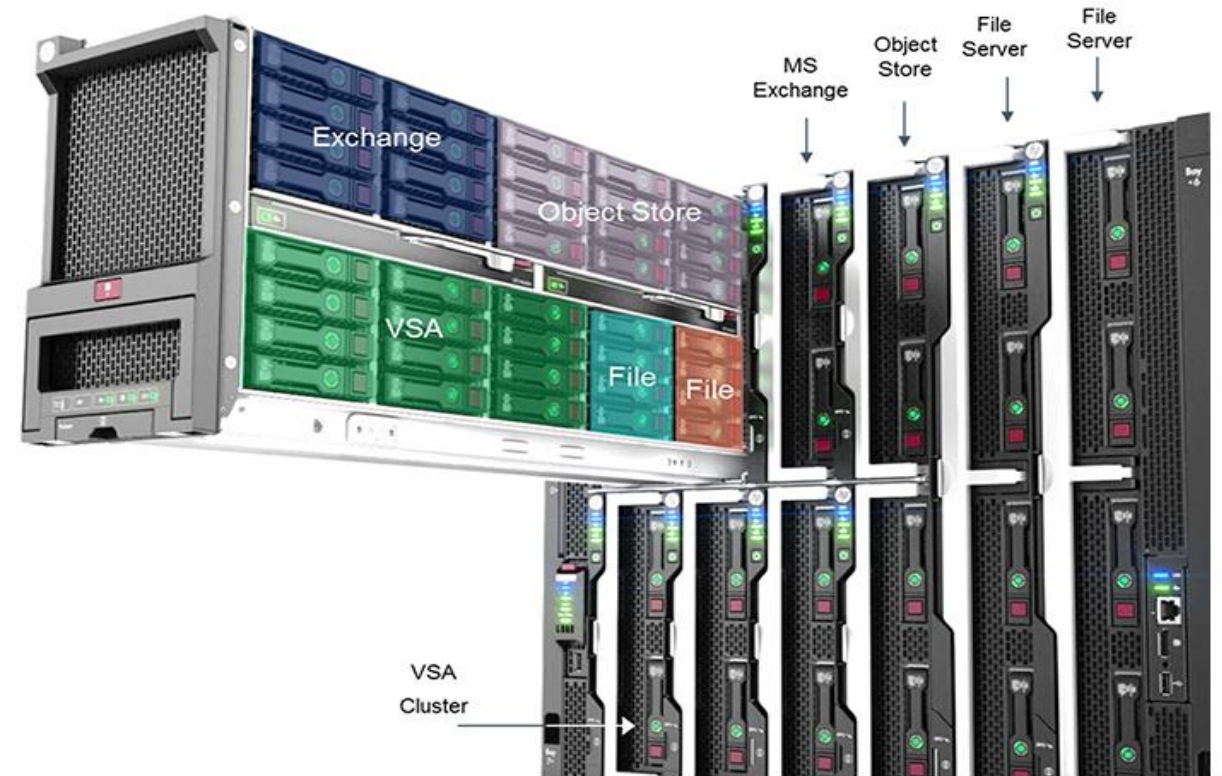


# Technology Department Projects



## Server Expansion

- **Project Description:** New compute module. Install new servers and integrate into existing cluster environment to support additional workload.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 03/2021 - 05/2022
- **Type of Contract:** Fixed price
- **Estimated Value:** \$150,000



# Technology Department Projects



## Cyber Security Enhancements

- **Project Description:** VTA Cyber Security FY '21 Enhancements.
- **Type of Work:** IT Software/Hardware
- **Contract Term:** 03/2021 - 12/2023
- **Type of Contract:** Fixed price
- **Estimated Value:** \$380,000



# Technology Department Projects



## Upgrade of Network Devices in the Ticket Vending Machine Environment

- **Project Description:** Upgrade network switches and firewall in the VM for security enhancements.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 01/2021 - 01/2022
- **Type of Contract:** Fixed price
- **Estimated Value:** \$35,000





# Technology Department Projects



## Upgrade of Server and Database in the TVM Environment

- **Project Description:** Upgrade the TVM environment by adding a failover server and database in case the main server is down.
- **Type of Work:** Technology Upgrade
- **Contract Term:** 02/2021 - 02/2022
- **Type of Contract:** Fixed price
- **Estimated Value:** \$140K



# Technology Department Projects



## Audit of the Payment Card Industry Data Security Standard PCI-DSS

- **Project Description:** Audit to assess the credit card environment to ensure compliance to the PCI-DSS.
- **Type of Work:** Professional Services
- **Contract Term:** 09/2021 - 01/2022
- **Type of Contract:** T&M
- **Estimated Value:** \$25,000



# Customer Service - Contact Center Technology



## Contact Center Technology

**Project Description:** Next generation contact center- Add/upgrade Chat, IVR, Salesforce, text analytics to enhance customer communication and analytics

- **Type of Work:** Technology and Professional Service
- **Contract Term:** 1 year (2021)
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$350K



# Facilities Department



*Solutions that move you*

# Facilities Projects



## Emergency Operations Center (EOC) Move

**Project Description:** Capital Project to facilitate move from Guadalupe Yard to River Oaks - B1

- **Type of Work:** Technology and Facilities Maintenance
- **Contract Term:** March 2021 - March 2026
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$480K

# Facilities Projects



## Paint Gun Cleaner

- **Project Description:** This service will clean the paint guns at VTA's body shops.
- **Contract Term:** March 2021 - January 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$800K

## Pressure Washer Maintenance & Repair

- **Project Description:** This service will maintain, repair, or replace all mobile and static pressure washers.
- **Contract Term:** March 2021 - February 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$950K

# Facilities Projects



## Non-Fuel Dispenser Maintenance & Repair

- **Project Description:** This service will maintain and repair all non-fuel dispensing and material storage equipment.
- **Contract Term:** December 2021 - November 2025
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$825K

## Waste Services

- **Project Description:** This service will remove all non-hazardous wastes except e-waste.
- **Contract Term:** April 2021 - April 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$2M

# Facilities Projects



## Pest Management Services

- **Project Description:** This service will provide pest control elimination, removal, or management.
- **Contract Term:** April 2021 - April 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1.8M

## Cardboard Compactor Services

- **Project Description:** This service will provide maintenance & repair to the VTA owned cardboard compactors.
- **Contract Term:** March 2021 - February 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$250,000



# Facilities Projects



## Plumbing Maintenance & Repair

- **Project Description:** This service will provide plumbing maintenance and repair services for all VTA sites.
- **Contract Term:** August 2021 - July 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$5M

## Drain Inlet Upgrade, Maintenance & Repair

- **Project Description:** This service will maintenance and repair services for all Operational Facilities drain inlets. The first year to the contract includes upgrading 129 existing drain inlets.
- **Contract Term:** August 2021 - July 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1.4M

# Facilities Projects



## Fire Life Safety Systems

- **Project Description:** Individual solicitation to provide inspection, maintenance & repair to the Fire, Life, Safety Systems on a fixed price basis for the following facilities:

Site	Estimated Value
River Oaks	\$500K
Cerone	\$850K
Chaboya	\$500K
North Yard	\$500K

- **Type of Work:** Inspection & Repair
- **Contract Term:** December 2020 - December 2021
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$2.35M

# Facilities Projects



## Replace Ceiling Tiles at River Oaks

- **Project Description:** This service will replace ceiling tiles in the new PCMM area on B-1 and the entire ceiling of C-2.
- **Contract Term:** April 2021 - July 2021
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$180K

## Bulk Propane Purchase: Cerone

- **Project Description:** Purchase of propane fuel for the Cerone Division. The amount needed will decrease once a new smaller propane tank is installed
- **Contract Term:** June 2021 - May 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$350,000



# Materials & Supplies Procurements



## Bulk Propane

- **Project Description:** Bulk Propane
- **Contract Term:** September 2021 - September 2026
- **Estimated Value:** \$450K



# Capital Projects



## Facilities Projects: Paving Services

- **Project Description:** Asphalt, concrete, and other paving maintenance and repair services
- **Type of Work:** Asphalt and concrete repair and construction, seal and slurry coats, restriping parking lots and operational facilities.
- **Contract Term:** June 2021 - May 2028
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$4,000,000

# Capital Projects



## Facilities Projects: SCADA UPS Installation

- **Project Description:** Installing VTA purchased Uninterruptible Power Supply for the SCADA system.
- **Contract Term:** April 2021 - July 2021
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$50,000

## Guadalupe Yard Hoist Replacement

- **Project Description:** The hoist is attached to the yards 7 ½ ton Crane and is past its useful life. It will need to be upgraded to a unit with a higher capacity rating (C) for moderate service usage.
- **Contract Term:** Single purchase Item August 2021
- **Type of Contract:** Fixed price
- **Estimated Value:** \$40,000

# Capital Projects



## Facilities Projects: Guadalupe Parts Carousels

- **Project Description:** Remove/replace (3) parts carousels including electrical work.
- **Contract Term:** October 2021 - January 2022
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$675,000

# Equipment Procurements



## O&R Division Replacement Tug

- **Project Description:** This equipment is used to tow 40- and 60-foot busses. These vehicles are used to tow inoperable busses from one part of the yard to another.
- **Contract Term:** Single Purchase February 2021
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$85,000

## Chaboya Parts Warehouse Electric Forklift

- **Project Description:** This is a forklift that both raises and extends its arm; must be electric and come with a charging station.
- **Contract Term:** Single purchase item August 2021
- **Type of Contract:** Fixed price
- **Estimated Value:** \$40,000



# Capital Projects




## Almaden Modular Building

- **Project Description:** VTA will purchase a 20' by 60' pre-fabricated modular building. It will need a dedicated lobby area, two conference rooms, and one office. This modular building will come equipped with all necessary electrical/lighting needs and air conditioning. This project will be installed by the vendor who is awarded this contract.
- **Type of Work:** Procurement of a modular building that will be used for training purposes.
- **Contract Term:** Single purchase May 2021
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$500K





# Questions?

An aerial photograph showing a transit station with a train on the tracks, adjacent to a multi-lane highway with traffic. The surrounding area includes residential buildings, parking lots, and green spaces. The image is partially obscured by a blue graphic element.

# Procurement, Real Estate, Risk Management, and Planning

# Procurement and Contracts



# Vehicle Procurements



## VTA Access Paratransit 25 Wheelchair Cutaway Procurement

- **Project Description:** Purchase 25 new wheelchair accessible cutaways for VTA ACCESS revenue fleet using FTA 5307 funds with VTA local match.
- **Type of Work:** Mechanical
- **Contract Term:** Feb 2021 - Feb 2022
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$2.1M



# Vehicle Parts Procurements



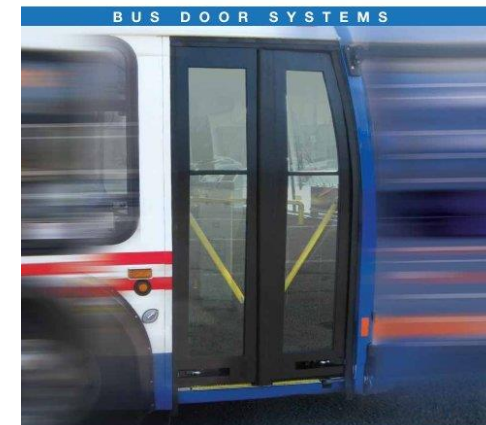
## Bus HVAC & Heating Parts

- **Project Description:** Bus HVAC & Heating Parts
- **Contract Term:** February 2021 - February 2026
- **Estimated Value:** \$210K



## Vapor Bus International Door System

- **Project Description:** Vapor Bus International Door System
- **Contract Term:** September 2021 - September 2026
- **Estimated Value:** \$260K



# Vehicle Parts Procurements



## Upholstery Parts

- **Project Description:** Upholstery Parts
- **Type of Work:** Materials & Supplies
- **Contract Term:** November 2021 - November 2026
- **Estimated Value:** \$350K



## Bus Wiper & Mirror Replacement Parts

- **Project Description:** Bus Wiper & Mirror Replacement Parts
- **Type of Work:** Materials & Supplies
- **Contract Term:** January 2021 - January 2026
- **Estimated Value:** \$552K



# Vehicle Parts Procurements



## Bus Suspension Replacement Parts

- **Project Description:** Bus Suspension Replacement Parts
- **Contract Term:** March 2021 - March 2026
- **Estimated Value:** \$260K



## Bus Bicycle Rack Replacement

- **Project Description:** Bus Bicycle Rack Replacement
- **Contract Term:** July 2021 - July 2026
- **Estimated Value:** \$260K





# Vehicle or Parts Procurements



## Bus Exhaust Parts

- **Project Description:** Bus Exhaust Parts
- **Contract Term:** November 2021 - November 2026
- **Estimated Value:** \$140K



# Vehicle or Parts Procurements



## Rail Lubricants

- **Project Description:** Rail Lubricants
- **Contract Term:** August 2021 - August 2026
- **Estimated Value:** \$525K



# Materials & Supplies Procurements



## Employee Uniforms

- **Project Description:** Employee Uniforms
- **Contract Term:** September 2021 - September 2028
- **Estimated Value:** \$4M



## ID Patches

- **Project Description:** ID Patches for Operations, Line Instructors, & Mentor Joint Work Force Investment
- **Contract Term:** December 2021 - December 2026
- **Estimated Value:** \$60K

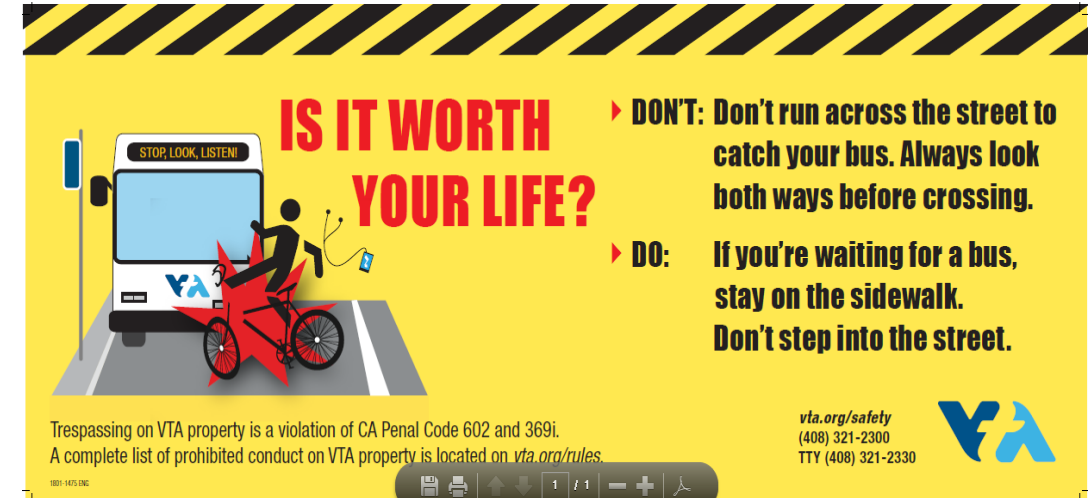


# Materials & Supplies Procurements



## Printing of VTA Bus & Light Rail Carcards

- **Project Description:** Printing of VTA Bus & Light Rail Carcards
- **Contract Term:** March 2021 - March 2026
- **Estimated Value:** \$625K



## Small Package Delivery Service

- **Project Description:** Small Package Delivery Service
- **Contract Term:** November 2021 - November 2026
- **Estimated Value:** \$70K



# General Service Procurements



## Air Compressor Maintenance Service

- **Project Description:** Air Compressor Maintenance Service
- **Type of Work:** Maintenance Service
- **Contract Term:** March 2021 - March 2026
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1.1M



# General Procurement



## Safe Driving Awards Supplies

**Project Description:** Recognition Awards

- **Contract Term:** 7 years
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$350K



# Real Estate Department



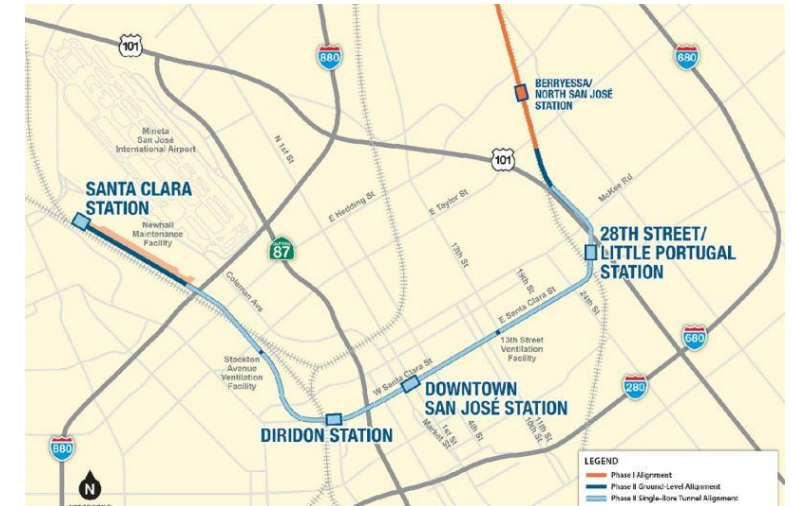
*Solutions that move you*

# BART Phase II



## Transit-Oriented Communities Planning Studies

- **Project Description:** Support cities of San Jose and Santa Clara for BART Phase 2 land use and implementation planning pursuant to Cooperative Agreements between cities and VTA
- **Type of Work:** Planning, Land Use, Architecture & Design
- **Contract Term:** April 2021 - December 2022
- **Type of Contract:** Task Orders/Time & Materials
- **Estimated Value:** Up to \$1.5M





# BART Phase II



## 28th St./Little Portugal BART Station Transit-Oriented Development Master Plan

- **Project Description:** Development of a master plan for VTA TOD around the future 28th St/Little Portugal BART Station
- **Type of Work:** Planning, Architecture & Design
- **Contract Term:** June 2021 - December 2021
- **Type of Contract:** Task Orders/Time & Materials
- **Estimated Value:** \$700K





# Enterprise Risk Management

# Enterprise Risk Management



## Third Party Liability Claims Administrator

- **Project Description:** Procure claims administration professional services for the investigation of accidents and the administration of claims filed by the general public.
- **Type of Work:** Third Party Claims Administration
- **Contract Term:** 07/01/2021 - 07/01/2027 (5 years) plus options to extend for two years.
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$4M

# Enterprise Risk Management



## Insurance & Risk Management Broker of Record

- **Project Description:** Procure an Insurance & Risk Management Broker of Record.
- **Type of Work:** Marketing, negotiating and placing VTA's Transit Operations Insurance Program each fiscal year, and specialty and wrap programs (Owner Controlled Insurance Program), as well as providing claims & safety advocacy services.
- **Contract Term:** 07/01/2021 - 07/01/2026 (five) plus options to extend for two years.
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1,500,000

# Enterprise Risk Management



## Owner Controlled Safety Consultant

- **Project Description:** Procure an Owner Controlled Safety Consultant for the Eastridge Bart Regional Connector Project.
- **Type of Work:** Providing Safety Consulting and Oversight Professional Services to VTA
- **Contract Term:** 05/01/2021 - 07/01/2026 (five) plus options to extend for two years.
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$2,100,000



# Planning & Programming

# Project Overview



## Equipment Procurement

**2 projects**

### Type of work

- Fabrication of bus shelters
- Concrete construction

### Range

\$4M – \$7M

## Capital Projects

**6 projects**

### Type of work

- Construction
- Shuttle procurement and vehicle delivery
- Software and hardware
- Service operation

### Range

\$100k to \$7M

## Professional Services

**17 projects**

### Type of work

- Planning
- Outreach and community engagement
- Program management
- Conceptual engineering
- Software development
- Market analysis

### Range

\$100k to \$20M. 12 projects under \$1M

# Equipment Procurement



## Bus Shelter Procurement

- **Project Description:** Fabrication and delivery of bus shelters and shelter benches (assembly and installation not included)
- **Contract Term:** Spring 2021 - 2028
- **Estimated Value:** \$7M



## 2021 Better Bus Stops

- **Project Description:** Construction of concrete bus pads, curb and gutter, sidewalk and assembly and installation of bus shelters. (bus shelter procurement not included).
- **Contract Term:** Spring 2021 - 2022
- **Estimated Value:** \$4M





# Capital Projects



## Downtown San Jose Wayfinding Signage

- **Project Description:** Procure and install 28 back-lit wayfinding signage totems around the downtown San Jose Transit Mall.
- **Type of Work:** Construction
- **Contract Term:** 2021 - 2022
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$100K



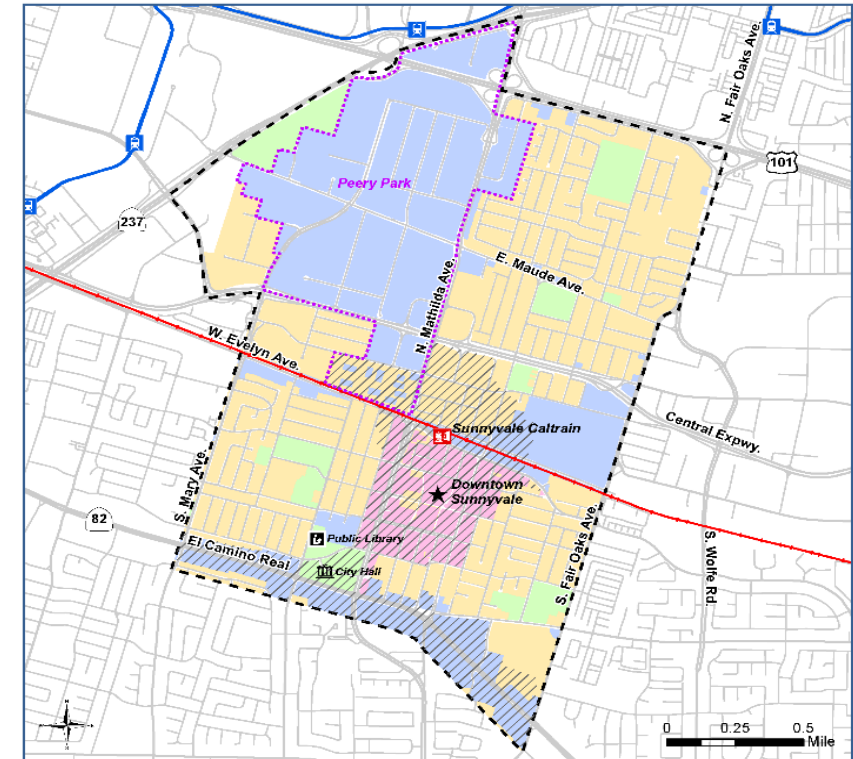
# Capital Projects



## Peery Park Rides

- **Project Description:** Implement turnkey demand responsive shuttle service serving Sunnyvale Caltrain and Peery Park Area.
- **Type of Work:** Service operation, vehicle delivery, program marketing, software solution and customer service.
- **Contract Term:** Summer 2021 - Fall 2023
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$2M

Attachment A: Service Area Map

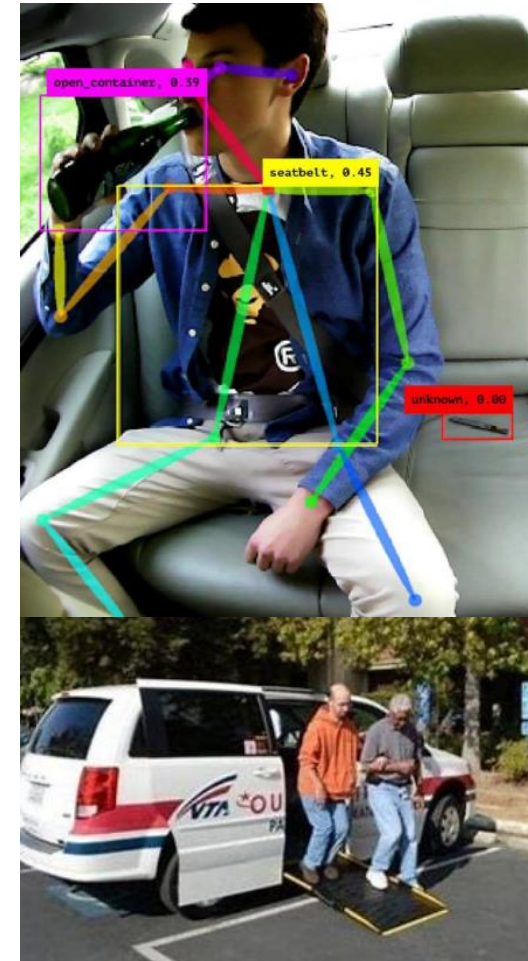


# Capital Projects



## Video Analytics on Paratransit Accessible Fleet

- **Project Description:** Providing assistance to special needs passengers by implementing new hardware/software and applications that will help VTA Paratransit customers have a safer and more enjoyable trip. The Scope of Work includes cognitive technologies to advance the Human Machine Interaction (“HMI”) capabilities of the Video Analytics platform.
- **Type of Work:** Software and Hardware
- **Contract Term:** July 2021 - Jun 2023
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$2M

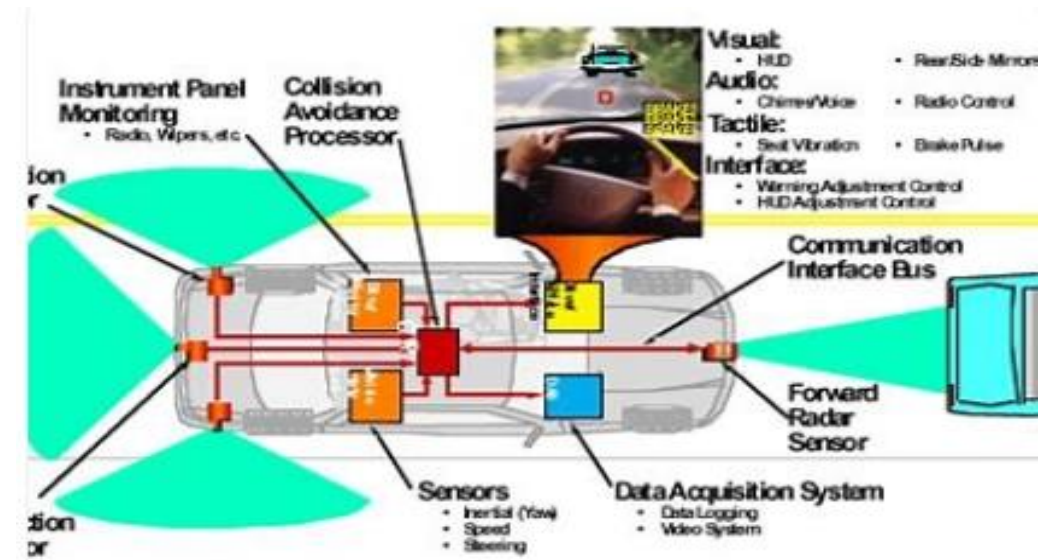


# Capital Projects



## Collision Avoidance Deployment Program

- **Project Description:** Deploying a collision avoidance system for transit buses and a video monitoring system which can recognize and report a typical behavior that will help VTA customers and drivers have a safer and more enjoyable trip. The newer fourth generation system will have improved performance due to improved low light level cameras with higher resolution, and new video processing capability.
- **Type of Work:** Software and Hardware
- **Contract Term:** July 2021 - Jun 2023
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1.8M



# Capital Projects



## Complete Trip Deployment Program

- **Project Description:** Partnered with MTC to provide a “Mobility for All Solution” that is truly multi-modal and can get a disabled, elderly, low income, or standard service passenger the best transportation options at the optimum cost in a reasonable amount of time. Partner with key bay area service providers and the private sector in building this seamless end to end multi modal solution integrated in the region payment system (CLIPPER).
- **Type of Work:** Software and Hardware
- **Contract Term:** July 2021 - Jun 2026
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$6.8M



# Capital Projects



## VTA's Advanced Shuttle Program

### Accessible Automated Electric Vehicle (AAeV) Demonstration Project

- **Project Description:** VTA, Western Reserve Transit Authority in Ohio and CALSTART joined forces to be one of 25 projects to receive grant funding from the Federal Transit Administration (FTA). The grant will help VTA deploy automated electric vehicles designed for accessibility to augment First and Last mile and paratransit services.
- **Type of Work:** Paratransit Transportation services, Automated shuttle procurement, Software and Hardware
- **Contract Term:** March 2021 - Dec 2022
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$1.3M



# Professional Services



## Transportation Demand Management (TDM) Assessment Study

- **Project Description:** Evaluate state of TDM practices in the County and recommend the type of TDM program VTA should develop and roles/responsibilities VTA could take on in the TDM realm. Second component of the study will be to develop a countywide TDM program guide for employers and organizations.
- **Type of Work:** Planning Study
- **Contract Term:** Fall 2021 - Spring 2022
- **Type of Contract:** Time and materials
- **Estimated Value:** \$450,000

# Professional Services



## DISC Project Management Services

- **Project Description:** Project management services for the Diridon Integrated Station Concept partnership. Will include a project management services, outreach, and some additional support services.
- **Type of Work:** Program management, outreach, additional support
- **Contract Term:** Spring 2021 - March 2023
- **Type of Contract:** Time and Materials by task order
- **Estimated Value:** \$7.5M



# Professional Services



## DISC Engineering Services

- **Project Description:** Engineering services for Diridon Integrated Station Concept Partnership.
- **Type of Work:** Track engineering
- **Contract Term:** Summer 2021 - March 2023
- **Type of Contract:** Time and Materials by task order
- **Estimated Value:** \$20M

# Professional Services



## Next Generation Transit Vehicles Study Phase II

- **Project Description:** Follow up to existing Next Gen Study. Would include additional work anticipated to be requested from the VTA Board.
- **Type of Work:** Planning, Conceptual Engineering
- **Contract Term:** Summer 2021 - Summer 2022
- **Type of Contract:** Time and Materials by task order
- **Estimated Value:** \$500K

# Professional Services



## Downtown San Jose Transportation Planning Strategy

- **Project Description:** Planning and engineering work to support transportation-related efforts in downtown San Jose including potential bus and light rail changes related to BART, Downtown West, Diridon Station Plan, and the Downtown Transportation Plan.
- **Type of Work:** Planning, Conceptual Engineering
- **Contract Term:** Summer 2021 - Summer 2022
- **Type of Contract:** Time and Materials by task order
- **Estimated Value:** \$500K

# Professional Services



## Planning On-Call List

- **Project Description:** On-Call List for planning related efforts including transit, service, Bike/Ped, Land Use, etc.
- **Type of Work:** Planning, Conceptual Engineering
- **Contract Term:** Summer 2021 - Summer 2024
- **Type of Contract:** Time and Materials by task order
- **Estimated Value:** \$3M

# Professional Services



## VTA Travel Model Development

- **Project Description:** Develop an advanced, robust, defensible, and practical countywide travel model in an open-source environment that meets the current and future business needs of VTA.
- **Type of Work:** Planning & Engineering Software/Analytical Tool Development
- **Contract Term:** Spring, 2021 - Fall, 2023
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$500K

# Professional Services



## On-Call Contract for Travel Forecasting Services

- **Project Description:** On-Call Contract to Support VTA travel forecasting on an as-needed basis
- **Type of Work:** Professional Services
- **Contract Term:** June 2021 - June 2023
- **Type of Contract:** Time and Material by Task order
- **Estimated Value:** \$200K

# Professional Services



## Stevens Creek Corridor Vision Study

- **Project Description:** A coordinated effort between VTA, City of San Jose, County of Santa Clara, City of Santa Clara, and City of Cupertino to work with current and potential transit riders and local communities to develop a collective vision for high-capacity transit on the Stevens Creek/West San Carlos Corridor.
- **Type of Work:** Planning: equity work, community engagement, illustrative conceptual design, implementation plan
- **Contract Term:** July 2021 - July 2022
- **Type of Contract:** Fixed Fee or Time and Materials by Task Order
- **Estimated Value:** \$700K

# Professional Services



## Bus Lane Feasibility Analysis

- **Project Description:** Feasibility analysis of select corridors for potential quick build bus lanes.
- **Type of Work:** Planning: cross sections, fatal flaws
- **Contract Term:** July 2021 - December 2021
- **Type of Contract:** Fixed Fee or Time and Materials by Task Order
- **Estimated Value:** \$200K



# Professional Services



## Community Engagement and Marketing

- **Project Description:** Engage low-income and minority community to identify barriers to Clipper usage, develop solutions to overcome barriers, and implement Clipper marketing effort
- **Type of Work:** Community engagement/marketing in low-income and minority communities
- **Contract Term:** Spring 2021 - 2022
- **Type of Contract:** TBD
- **Estimated Value:** \$150,000 - \$250,000



# Professional Services

## Adult Bicycle Education

- **Project Description:** Offer bicycle education courses (including on-bike training and bicycle mechanics) to adults in Santa Clara County for two years with option to extend
- **Type of Work:** Training/Community Outreach
- **Contract Term:** March 2021 - March 2023
- **Type of Contract:** Fixed Price
- **Estimated Value:** \$110,000



*VTA funded pilot adult bicycle education classes in 2018 and seeks a team to continue that successful program.*

# Professional Services

## Homestead Road Safe Routes to School Improvements

- **Project Description:** Environmental clearance and final design of bicycle and pedestrian improvements on Homestead Road between Foothill Expressway and Hollenbeck Avenue, within the jurisdictions of Los Altos, Cupertino, Sunnyvale, and Santa Clara County.
- **Type of Work:** Traffic Engineering and Design, Public Outreach
- **Contract Term:** July 2021 - March 2023
- **Type of Contract:** TBD
- **Estimated Value:** \$1,170,000

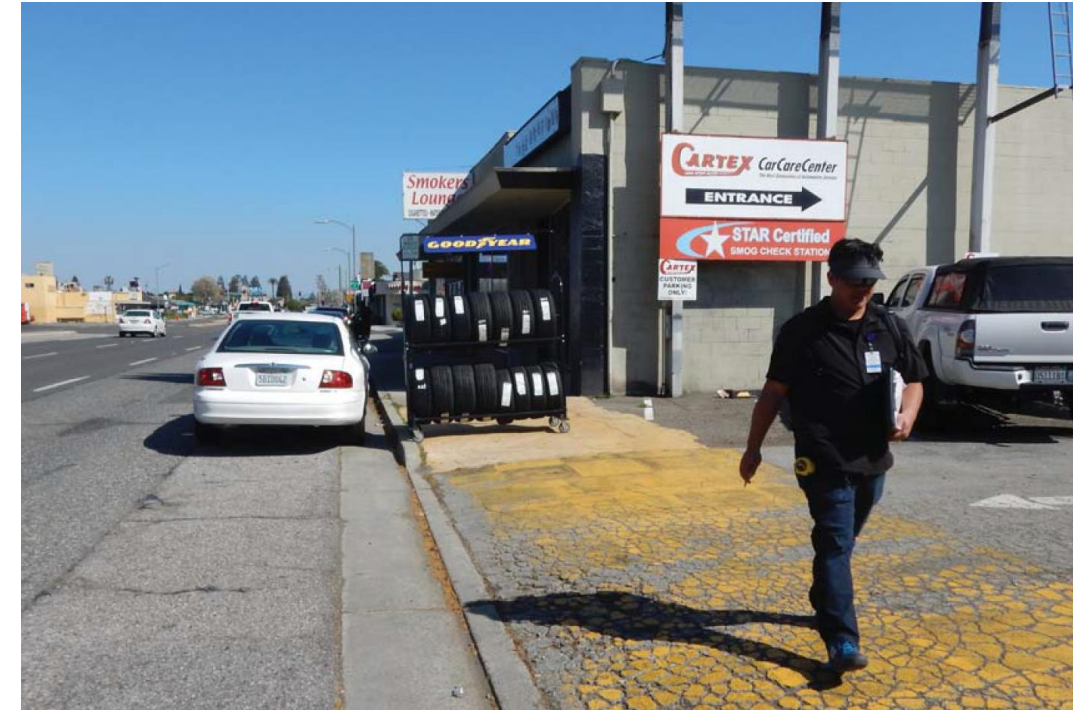


*School children biking the wrong way on Homestead Road.*

# Professional Services

## Bascom Corridor Complete Streets Design

- **Project Description:** Environmental clearance and design of complete street treatments on Bascom Avenue from Hamilton Avenue in Campbell, unincorporated County, to I-880 in San Jose.
- **Type of Work:** Traffic Engineering and Design, Public Outreach
- **Contract Term:** Spring 2021 - Summer 2023
- **Type of Contract:** TBD
- **Estimated Value:** \$ 4.5M to \$5M



*Bascom Avenue in the Burbank neighborhood.*

# Professional Services

## Countywide Micro-Mobility Cost-Benefit Analysis

- **Project Description:** Conduct a countywide analysis of the public benefit, cost, risk, and financial viability of expanded bicycle/scooter share in Santa Clara County.
- **Type of Work:** Transportation Planning, Market Analysis
- **Contract Term:** December 2021 - December 2022
- **Type of Contract:** TBD
- **Estimated Value:** \$250,000

# Professional Services



## Project VTA Business Plan

- **Project Description:** Project management services for the VTA Business Plan. Will include project management services, outreach, and some additional support services.
- **Type of Work:** Program management, outreach, additional support
- **Contract Term:** Spring 2021 - Spring 2022
- **Type of Contract:** Time and Materials by task order
- **Estimated Value:** \$1.0M

# Professional Services



## Vehicle Miles Traveled (VMT) / Multimodal Mitigation Framework

- **Project Description:** Development of a framework for land use development projects to contribute funding to VMT-reducing and multimodal improvements, to offset impacts to VMT, transit delay or ped/bike conditions – potentially including establishment of a pilot.
- **Type of Work:** Transportation planning and project management, and potentially some economics and legal services.
- **Contract Term:** Summer/Fall 2021 - Spring 2023
- **Type of Contract:** TBD
- **Estimated Value:** \$330K



# Questions?



An aerial photograph showing a city street with a light rail train in the foreground. To the left is a large parking lot with several cars and a building. In the background, there are residential houses and hills under a clear sky. The image is partially obscured by a blue graphic element.

# Supplier Registration and Business Diversity Programs

# Supplier Registration



# Procurement Portal

VTA has transitioned to a new user-friendly and efficient e-procurement portal hosted by ProcureNow. **New vendors should set up their accounts in the new system.** All previously Registered Vendors have already been invited to activate their accounts.

Please register at [www.vta.org/business-center](http://www.vta.org/business-center) and click on the green bar, **REGISTER IN NEW PORTAL**

When you click the green bar, a new page will appear, click on the green bar that reads, **+Subscribe**

The system will ask for your email/password to set up a new account.



## Get Registered

VTA has transitioned to a new user-friendly and efficient e-procurement portal hosted by ProcureNow.

New vendors should set up their accounts in the new system. All previously Registered Vendors have been invited to activate their accounts.

If you're participating in one of the open construction solicitations to the left, please register in our legacy system.

**REGISTER IN NEW PORTAL**



Santa Clara Valley  
Transportation Authority  
San Jose, CA

*All dates and times in Pacific Time*

**+ Subscribe**

# Procurement - Solicitations



## HOW DO I FIND UPCOMING SOLICITATIONS?

Go to [www.vta.org/business-center](http://www.vta.org/business-center) and find the View Solicitations bar. You will see the same screen as when you clicked on REGISTER. Notice the solicitations on the screen and a green bar that reads OPEN. IF YOU ARE NOT SUBSCRIBED, you will not be able to open the solicitations. But VTA'S new system provides you with another opportunity to SUBSCRIBE at this screen.

### View Solicitations

See all open and upcoming contracting opportunities in our new e-procurement portal, except the following:

- [C20011](#)
- [C19123](#)
- [M20027](#)

VTA will archive all solicitations in the legacy portal for transparency.

[View legacy Solicitations page.](#)

[VISIT NEW PORTAL](#)

# Procurement - Solicitations



## WHY DO I NEED TO SUBSCRIBE?

- To receive notices about upcoming opportunities -- including those listed in this presentation. If you have subscribed, the notices will come to you automatically. Word of caution – always check the Solicitations page because if co-worker registered your company under their name, you will not receive a notice.
- When you want to submit a bid/proposal, it must be done electronically through the ProcureNow portal before the due date/time.

### View Solicitations

See all open and upcoming contracting opportunities in our new e-procurement portal, except the following:

- [C20011](#)
- [C19123](#)
- [M20027](#)

VTA will archive all solicitations in the legacy portal for transparency.

[View legacy Solicitations page.](#)

[VISIT NEW PORTAL](#)

# Business Diversity



# Business Diversity Programs



As VTA solicits competitive bids and proposals for the projects contained in this presentation, the Office of Business Diversity Programs will establish the appropriate SBE or DBE goals, and track contractor achievements. Firms must be certified at the time of award to receive DBE or SBE credit.

Certified SBE firms that become prime contractors to VTA will automatically be eligible for **payment on a Net 15** basis from the day of approved invoice without any discount being taken.

For more information on certification as a Small Business or Disadvantaged Business, please contact [OBDP@vta.org](mailto:OBDP@vta.org).

# Business Diversity Programs



What types of Business Certifications does VTA require?

State/Locally Funded Contracts – Small Business Enterprise Certification

Certification: VTA or Department of General Services

DBE Certification may be accepted

Federally Funded Contracts – Disadvantaged Business Enterprise Certification

Certification: VTA or any other certifying agency, as part of the California Unified Certification Program (CUCP)

State/Locally Funded Contracts – Women/Minority Owned Business Enterprise Certification

Certification: VTA

Lesbian, Gay, Bisexual & Transgender (LGBT) Business Enterprise Certification

Certification: LGBT - National Gay & Lesbian Chamber of Commerce (NGLCC) and/or the California Public Utilities Supplier Clearinghouse (CPUC)

State/Locally Funded Contracts – Disabled Veteran Business Enterprise Certification

Certification: Department of General Services



# Business Diversity Programs



## Frequently Asked Questions

**Q:** Do you accept certification from other agencies?

**A:** Depends, see previous slide

**Q:** How/where do I go to get certified?

**A:** Online at <https://www.vta.org/business-center/business-diversity-programs>

**Q:** How long does the certification process take?

**A:** 90 days from the receipt of a complete application with all supporting documentation as required.

**Q:** How do I find out about the Point of Contacts at the primes?

**A:** Attend Pre-Bid/Proposal meetings and make contact with primes.

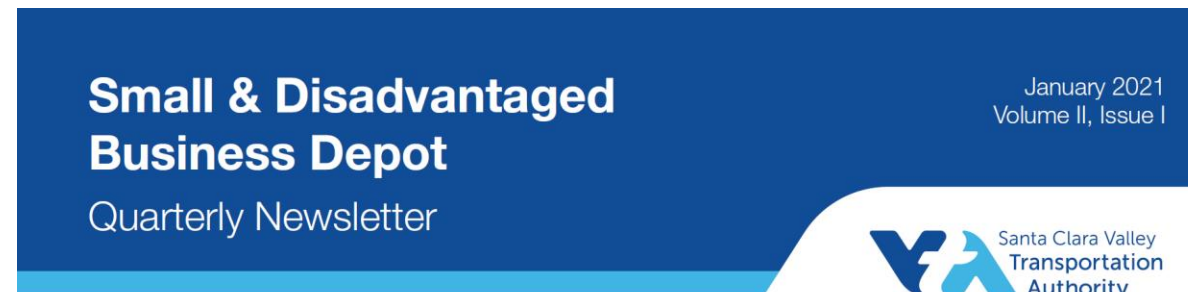
Additional questions may be addressed to [OBDP@vta.org](mailto:OBDP@vta.org) or call (408) 321-5962.

# Business Diversity Programs



VTA Publishes a Quarterly Newsletter which can be found at <https://www.vta.org/business-center/business-diversity-programs> and includes information on upcoming business and training events that are open to everyone at little or no cost.

If you have ideas of suggested stories for the Newsletter, please forward them to [obdp@vta.org](mailto:obdp@vta.org).



## Happy New Year!



On behalf of VTA, we hope you and your loved ones enjoyed a safe and restful holiday season. I'm sure that all of us are glad that 2020 is behind us. 2021 is already shaping up to be a very busy year for VTA, and we are excited to invite you along for the ride!





# Questions?



Thank you!