

Why California needs to double-down on its apprenticeship programs

[Article originally appeared in
www.calmatters.org]

By Paul Nelson De La Cerda, CalMatters

Apprenticeships are a time-honored tradition dating back centuries, and serve as a pathway to skilled trades and professions. They play a vital role in shaping our workforce and economy, and offer valuable hands-on training and mentorship, helping people get the skills needed to succeed in high-demand careers.

According to research by Jobs For The Future, there were almost 93,800 apprentices registered in California last year, up from more than 84,200 in 2018. Additionally, CalMatters reported that California registered more than 180,000 new apprenticeships since Gov. Gavin Newsom's 2018 pledge to add 500,000 in the decade after he took office.

This shows there is plenty of room for growth.

That said, almost every sector is grappling with the so-called "skills gap," which refers to the mismatch between the skills employers need and the skills jobseekers have. As we navigate a constantly evolving job market, the role of apprenticeships has become more critical than ever.

In reality, the skills gap impacts every industry. It presents itself when there is a shortage of workers with the necessary technical, soft or specialized skills needed for a job. As industries change, the demand for certain skills can shift quickly, leaving many workers unprepared.

As California employers work to address the skills gap, large issues start to pop up. Notably, they're faced with reduced productivity. When businesses can't fill roles with the right skills,

productivity suffers. This makes sense — employees might take longer to complete tasks or require more training, which slows down operations.

Coupled with this, it's becoming normal for businesses to invest in upskilling or reskilling their current workforce to close the gap. While training and skills development opportunities are great, they take a toll on employees because they're working and playing catch up on acquiring skills.

This can lead to burnout, job dissatisfaction and higher turnover. Research from SHRM, a human resources firm, found that 44% of surveyed U.S. employees feel burned out, 45% feel emotionally drained and 51% feel "used up" after the workday.

Ultimately, the lack of qualified workers hinders a company's ability to innovate. Without the right staff in place, businesses will struggle to adopt new approaches that can give them a competitive edge.

This brings us to a very important point: Employers need to double-down on apprenticeship programs.

Expanding apprenticeship programs in California is one of the best ways to bridge the skills gap. These programs offer people hands-on experience and teach the practical skills needed for today's job market.

Apprenticeship programs are often developed in collaboration with employers, ensuring the training actually provides necessary skills. Additionally, apprenticeship programs can be created

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Apprentices sort through wire ropes called chokers at the Ironworkers Local Union 377 training center in Benicia on June 20, 2021. Photo by Anne Wernikoff, CalMatters

New 2024 Population Estimates Show Nation's Population Grew by About 1% to 340.1 Million Since 2023

[Article originally appeared in
www.census.gov]

By Kristie Wilder

Following historically low growth at the height of the COVID-19 pandemic, the U.S. population grew substantially by almost 1% since 2023, outpacing average annual growth since 2000 and signaling a significant turnaround from the meager population gains at the start of this decade.

By 2024, after three consecutive years of population growth exceeding 0.5%, the United States seems to have recovered from pandemic-era lows.

The U.S. Census Bureau today released July 1, 2024, population estimates for the nation and states. The U.S. population reached 340.1 million, up 0.98% from 336.8 million on July 1, 2023 — the highest year-over-year increase since a jump of 0.99% between 2000 and 2001.

Population Trends Since 2000

Since 2000, the nation has grown by almost 58 million, with an average annual growth rate of approximately 0.8%. The most robust growth occurred between 2001 and 2008, fueled by changing migration trends and higher birth rates.

However, population trends have fluctuated over the past two decades, reflecting how major world and national events can influence population growth.

For instance, national security concerns immediately following 9/11 resulted in fewer migrants, slightly tempering population growth between 2001 and 2003.

Similarly, the financial crisis which started in 2008, dubbed "The Great Recession," impacted both fertility and immigration in the United States. Between 2008 and 2009, births dipped by nearly 3% and net international migration fell almost 12%.

By the early 2010s, the pace of U.S. growth had begun to slow down. After a slight uptick in 2014-2015, population growth slowed again and 2016 ushered a new period of sluggish growth brought on by declining net international migration and falling birth rates (Figure 1).

That marked the start of a prolonged period of below-average growth.

COVID-19 Pandemic and Recovery

At the start of the 2020s, the COVID-19 pandemic slowed the nation's population growth further.

A national emergency declaration resulted in travel restrictions, temporarily limiting entry. Also during this time, the number of deaths surged and births declined. This combination resulted in the United States experiencing the slowest period of growth on record in 2021 — as the population increased by just 0.16% — underscoring the pandemic's effect on the population.

When the nation recovered from the pandemic, its population growth did as well, more than doubling from 2021 to 2022.

As travel restrictions started to ease and migration increased, the pace of growth quickened. A slight rise in births and decrease in the number of deaths supported the turnaround.

By 2024, after three consecutive years of population growth exceeding 0.5%, the United States seems to have recovered from pandemic-era lows.

What Influences Population Change?

Natural increase (births minus deaths) and net international migration (immigration minus emigration) are the major influences on population growth, but their relative contributions to growth have changed over time (Figure 2).

Natural increase has historically been the cornerstone of U.S. population growth. Yet, in

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CALIFORNIA SUB-BID REQUEST ADS



BWD GENERAL ENGINEERING CONTRACTORS
P.O. Box 1948 Lincoln, CA 95648

**Request for DBE's Subcontractors and Suppliers for
Project: Ella Way Well Project – Owner: Citrus Heights Water District**
Bid Date: Wednesday, January 15, 2025 • Bid Time: 2:00 PM

The work to be completed is constructing all above-ground appurtenances for a new groundwater production well including, a block building; sewer, distribution, storm drain, and system piping; pump and motor; site drainage improvements; new pavement; concrete perimeter security wall and steel fencing; automated access gate; and all site electrical and lighting.

The Engineer's estimate is \$3,000,000.

Seeking all trades (but not limited to): Roofing, Masonry, Electrical, Fencing, Painting, Paving, Well Pump & Motor, SWPPP and other required work and trades

Plans, specifications, and documents are posted on the Citrus Heights Water District website.

<http://chwd.org/about/bid-opportunities>

Please review all documents. By submitting a proposal your company agrees to BWD Construction Inc dba BWD General Engineering Contractors standard subcontract. BWD General Engineering Contractors is an equal opportunity employer and intends to negotiate in good faith with interested DBE firms and intends to utilize the lowest responsive bidder. BWD General Engineering Contractors expects potential subcontractors to be bondable. Subcontractors and Suppliers are expected to bid per plans and specifications, including requirements for warranties. Standard manufacturer's warranties, if not in conformance with the owner's specifications, will not be accepted.

For questions regarding bidding on this project, contact BWD General Engineering Contractors via phone or email. Will you be bidding this project? Please email your response to Ben@BWD.Construction or call 916-765-2867



REYES CONSTRUCTION, INC.
CONSTRUCTION WITHOUT COMPROMISE

REQUEST FOR Sub-Proposals from Certified DBE Firms
Project Name: San Onofre to Pulgas Double Track Phase 2
Contract Number: 4250093
Owner: SANDAG
DBE Goal: 19.6%

Subcontractors/Subconsultants/Vendors wanted for:

(Subcontractors): Fencing & Railing, Street Sweeping, Clear & Grub, Electrical, Hydroseed, Landscape/Planting, CIDH Piles, Waterproofing, Asphalt, Bridge/Structural Steel, Railroad Signal Communications, Railroad Track, Directional Drilling, Dry Utilities, Reinforcing Steel, Trucking, Steel Coating, Minor Concrete – Minor Structures, Retaining Wall, CFA (Auger) Piles, Shoring, Surveying, Signage & Striping, Quality Control and Job Coordinator.

(Suppliers): Ready Mix Concrete, Aggregates, BMP Materials, Topsoil, Rock Slope, Waterworks, RCP, Structural Backfill, Structural Steel, Railroad Ties, Sound Barrier, Bearing Pads, Miscellaneous Metals and Signage

Project Scope:

The Base Bid scope of work consists in general of grading, a new bridge, embankment, construction of drainage ditches, culverts, and retaining wall construction within the limits of MP 216.6 to MP 217.7 on a portion of the LOSSAN commuter rail corridor within Camp Pendleton in San Diego County. An Additive Alternate is included in the scope that includes the construction of 1.1 miles of second main track within the project limits.

Work includes track construction; construction of a new single-track bridge; embankment and retaining wall construction; construction of drainage ditches, culverts, associated structures; site work and track bed preparation (including site clearing, grading, ballast, and sub-ballast, maintenance access roads, utility relocation and hydroseeding); in addition to procuring all materials and performing all other work necessary to complete the work in accordance with the Contract Plans and Special Provisions.

REVISED BID DATE: January 16th at 2:00PST/PDT

REYES CONSTRUCTION, INC.
State License Number 507561
1383 South Signal Drive, Pomona, CA 91766
Phone: 909-622-2259 Ext. 108 • Fax: 909-622-3053
Contact: Christina Ramos - Fri 8:00 AM - 4:30 PM

Assistance will be available in obtaining bonds, lines of credit, insurance, necessary equipment, supplies, materials or related technical assistance.

By submitting a proposal, Respondent/Bidder acknowledges that they have performed a thorough review of the terms and conditions contained in our standard subcontract/purchase order (Contract). Respondent/Bidder quotes, including terms and conditions contained therein, will not be included in subcontracts/purchase orders issued for the project. Respondent/Bidder shall submit, in writing with their proposal/quote, any exceptions to the RCI Contract terms and conditions.

Note: RCI may disqualify and reject the respondent's proposal/bid based on the exceptions submitted.

For information on the availability of scope of work, plans and specifications, and requirements of the contract please contact our office.

Plans, Specifications, and Contract requirements can be viewed online at no cost here:

- 1) Via iSqFt – please send an email request to estimating@reyesconstruction.com
- 2) Bidnet Direct - <https://www.bidnetdirect.com/private/solicitations/4497717210/abstract>
- 3) Via Sharefile – please send an email request to estimating@reyesconstruction.com

Please e-mail Quotes to: Estimating@reyesconstruction.com



DESILVA GATES
CONSTRUCTION
11555 Dublin Boulevard • P.O. Box 2909 • Dublin, CA 94568-2909
Phone: (925) 829-9220 / Fax: (925) 803-4263
Website: www.desilvagates.com
ESTIMATOR: DAVID CZECH
An Equal Opportunity/ Affirmative Action Employer

DeSilva Gates Construction (DGC) is preparing a bid as a Prime Contractor for the project listed below:

FEATHER RIVER BOULEVARD STATE OF GOOD REPAIR PROEJCT
Contract No. 2024-2256, Federal-Aid Project STPL-5916(135)
Disadvantaged Business Enterprise Goal Assigned is 21%

OWNER: COUNTY OF YUBA – County Clerk, Suite 107, 915 8th Street, Marysville, CA 95901

REVISED BID DATE: JANUARY 8, 2025 @ 2:00 P.M.

DGC is soliciting quotations from certified Disadvantaged Business Enterprises, for the following types of work and supplies/materials including but not limited to:

Clearing and Grubbing/Demolition, Cold Plane, Construction Area Sign, Electrical, Emulsion Supplier, Erosion Control, Fabric/Geosynthetic Pavement Interlayer, Minor Concrete, Minor Concrete Structure, Roadside Signs, Striping, Survey/Staking, SWPPP Prep/Water Pollution Control Plan Prepare, Temporary Erosion Control, Testing, Traffic Control Systems, Underground, Trucking, Water Trucks, Street Sweeping, Class 2 Aggregate Base Material and Hot Mix Asphalt (Type A) Material

Plans and specifications may be reviewed at our offices located at 11555 Dublin Boulevard, Dublin, CA or 3855 N Freeway Blvd Suite 100, Sacramento, CA 95834, or at your local Builders Exchange, or reviewed and downloaded from the dropbox site at https://www.dropbox.com/sh/5rvdc1bwfbasg9/AABrd0ba51_kN3GtAESfBUoa?dl=0 or from the Owner's site at www.dot.ca.gov/hq/esc/oe/weekly_ads/all_adv_projects.php

Fax your bid to (925) 803-4263 or email to dgcstimating@desilvagates.com to the attention of Estimator David Czech. If you have questions for the Estimator, call at (925) 829-9220. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at www.dir.ca.gov/Public-Works/PublicWorks.html

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (925) 829-9220, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center (www.transportation.gov/osdbu/SBTRCs). DGC is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a PREVAILING WAGE JOB. DGC is an Equal Opportunity/Affirmative Action Employer.



Gallagher & Burk, Inc.
344 High Street • Oakland, CA 94601
Phone: (510) 261-0466 • FAX (510) 261-0478
Estimator: VICTOR LE • Website: www.gallagherandburk.com

Gallagher & Burk, Inc. (GBI) is preparing a bid as a Prime Contractor for the project listed below:

Grand Street Safety Improvements and Pavement Rehabilitation, PW No. 04-24-13
Disadvantaged Business Enterprise Goal Assigned is 19%

OWNER: CITY OF ALAMEDA – 950 W Mall Square, Suite 110, Alameda, CA 94501

BID DATE: JANUARY 9, 2025 @ 2:00 P.M.

GBI is soliciting quotations from certified Disadvantaged Business Enterprises for the following types of work and supplies/materials including but not limited to:

Adjust Iron, Cold Plane, Crack Sealing, Electrical, Fencing, Minor Concrete, Roadside Signs, Striping, SWPPP Prep/ Water Pollution Control Plan Prepare, Traffic Control Systems, Trucking, and Hot Mix Asphalt (Type A) Material.

Plans and specifications may be reviewed at our office located at 11555 Dublin Boulevard, Dublin, CA or at your local Builders Exchange, or reviewed and downloaded from the Dropbox site at <https://www.dropbox.com/sh/m5i7d8y5irra1s/AAAgGa-tcQZV8hFik9fw5Qofa?dl=0> or from the Owner's site at <https://www.oaklandca.gov/services/active-closed-opportunities> or <http://ciplist.com/plans/?Oakland/city/9392>

Fax your bid to (510) 261-0478 or email gbiestimating@gallagherburk.com to the attention of Estimator Victor Le. If you have questions for the Estimator, call at (510) 261-0466. When submitting any public works bid please include your DUNS number and DIR number. For questions regarding registration for DIR use the link at www.dir.ca.gov/Public-Works/PublicWorks.html

If you need DBE support services and assistance in obtaining bonding, lines of credit, insurance, necessary equipment, materials and/or supplies or related assistance or services, for this project call the Estimator at (510) 261-0466, or contact your local Small Business Development Center Network (<http://californiasbdc.org>) or contact the California Southwest Transportation Resource Center (www.transportation.gov/osdbu/SBTRCs). GBI is willing to breakout portions of work to increase the expectation of meeting the DBE goal.

At our discretion, 100% Payment and 100% Performance bonds may be required as a subcontract condition. This will be a Prevailing Wage Job. GBI is an Equal Opportunity/Affirmative Action Employer.

Diversity Equity Inclusion

SBE's nationwide 1,000,000+ database of certified businesses provides the basis for targeted outreach utilizing a powerful IBM Power9 platform for completed and timed reporting, customized to match client needs.

SBE OUTREACH SERVICES

With 1.5 million businesses in our database, SBE is California's #1 source for diversity outreach.

Advertisements - Placed in the Small Business Exchange newspaper, SBE Today newsletter, and online at www.sbeinc.com

Faxed and Elast Solicitations - Targeted mailings sent to businesses per your criteria.

Telemarketing - Telephone follow-up calls that follow a script of 5 questions you create.

Computer Generated Reports - Will fit right into your proposal, along with a list of interested firms to contact.

Contact Info:

1160 Battery Street East, Suites #100, San Francisco, CA 94111

Email: sbe@sbeinc.com • Website: www.sbeinc.com

Phone: (415) 778-6250, (800) 800-8534

Fax: (415) 778-6255

Publisher of Small Business Exchange weekly newspaper



CALIFORNIA SUB-BID REQUEST ADS



Kiewit Infrastructure West Co.
4650 Business Center Drive • Fairfield, CA 94534
Attn: Brittany Hart at norcal.bids@kiewit.com • Fax: 707-439-7301

Requests quotes from qualified Subcontractors, Service Providers, Consultants, and/or Suppliers seeking to participate for the following project in Yosemite National Park, CA:

Rehabilitate El Portal Wastewater Treatment Facility and Administrative Camp

Yosemite National Park, CA
Solicitation No. 140P2024R0008; YOSE 196416
Owner: National Park Services
Bid Date: January 06, 2025 @ 2:00 PM

Quotes NO LATER THAN December 18, 2024, at 4 PM.

Kiewit requests Small Business (SB), Small Disadvantaged Business (SDB), Historically Underutilized Business Small Business (HUBZone SB), Indian Small Business Economic Enterprise (ISBEE), Service-Disabled Veteran-Owned Small Business (SDVOSB), & (VOSB), Woman-Owned Small Business (WOSB) proposals/quotes for the following scopes, but not limited to:

AC Paving • Acoustical Panel Ceiling • Aggregates • Architectural Precast Concrete and Erection • Bird Control Devices • Building • Building Commissioning • Fire Protection • Furnishing • Lockers • Safety Specialties • Toilet Accessories & Compartments • Bypassing • Casework & Countertops • Clearing & Grubbing / Tree Removal • Concrete Formliner • Concrete Formwork • Concrete Pumping • Concrete Repair • Concrete Supply • Crack Injection • Cranes and Hoists • Demolition • Dewatering • Doors & Hardware • Dump Fees • Electrical • EPDM Roofing and Roofing Accessories • Erosion Control • Fences & Gates (Temporary and Permanent) • Fire Suppression • Framing/Gypsum Board • Glass, Glazing and Storefronts • Hazardous Material Remediation and Disposal • HVAC • Indoor Air Quality Management & Testing • Insulation • Joint Sealants & Firestopping • Laboratory Equipment • Landscaping • Mechanical Equipment • Metal Joists • Metal Roofing, Walls & Soffit Panels • Minor Concrete • Misc. Metals & Structural Steel • Overhead Doors • Painting and Coating • Piping and Valves • Plumbing • Potholing / Vacuum Truck • Precast Concrete • Pre-Engineered Canopies • Process Pipe Insulation and Heat Trace • Quality Control • Rebar • Resilient Flooring • Sawcutting / Core Drill • Sewer Tank Cleaning • Shoring • Signage (Building) • Signage (Traffic) • Steel Decking • Striping / Pavement Markings • Survey • Sweeper Truck • Tanks (Plastic, FRP) • Tiling • Trucking & Hauling • Utilities Work for Admin Camp • Water Truck • Waterproofing

Certified thru, but not limited to, any of the following agencies:
www.mbdba.gov ; www.epa.gov ; www.sba.gov

Non-DBE firms are encouraged to contract with a group of lower tier DBEs or individual DBEs.

Plans are available for viewing through SmartBidNet (SBN). All companies already registered in our SBN database will receive an invitation to bid. Please email norcal.bids@kiewit.com to have your company added to our SBN database to be able to receive bidding information, Plans and Specifications.

Performance and Payment Bonds may be required for Subcontractors, and Supply Bond for permanent material Suppliers on this project. Bond requirement can be waived on a case-by-case basis.

Please contact Kiewit for more information. Bond premiums are reimbursable by Kiewit.

Please contact Kiewit for any assistance in bonding, insurance, equipment, materials and/or supplies.

Davis-Bacon Act and California prevailing wage requirements applies.
Disadvantaged Business Enterprises (40 CFR Part 33) applies.
FAR 52.219-8 Utilization of Small Business Concerns applies.
Buy American 41 U.S.C chapter 83 applies

An Equal Opportunity Employer CA Lic. 433176 DIR #: 100001147



Shimmick / CEC Joint Venture
1 Harbor Center, Suite 200 • Suisun City, CA 94585
Phone (707) 410-5070
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Small Business (SB), Small Disadvantaged Business (SDB), Historically Underutilized Business Zone (HUBZone), Indian Small Business Economic Enterprises (ISBEE), Service-Disabled Veteran Owned Small Business (SDVOSB), Women-Owned Small Business (WOSB) and Minority Owned (MBE) Subcontractor/Supplier Bids Requested For:

Bureau of Reclamation, Mid-Pacific Region
Arroyo Canal Fish Screen/Sack Dam Fish Passage Project
Solicitation No. 140R2024R0017

REVISED BID DATE: Monday, February 3rd, 2025 at 5pm

Project Location: Madera and Fresno Counties, CA

Email quotes to jmiranda@shimmick.com

Shimmick / CEC Joint Venture is requesting quotes from certified SB, SDB, HUBZone, ISBEE, SDVOSB, WOSB, and MBE subcontractors and suppliers in the following scopes of work, including, but not limited to:

Subcontractors: Architectural; Clear & Grub; Celcrete; Concrete Building; Dewatering; Earthwork; Electrical; Environmental; Erosion Control; Fencing; Flatwork; Instrumentation; Insulation; Landscape; Marine; Masonry; Mechanical; Painting; Piles; Structural Precast; Rebar; Roofing; Shoring; Signs; Structural Steel; Survey; Trucking; Utility Work; Waterproofing; Welding

Suppliers: Aggregate; Architectural Items; Doors; Expansion Joints; Fabric; Falsework Material; Joint Seal; Lumber; Mechanical Equipment; Misc. Metal; Pipe Pile; Sheet Pile; Copper Stainless Pipe; Steel Pipe; Structural Precast; Precast Utility; Ready Mix; Steel Fabrication; Trashracks; Plastic Utility Pipe; Valves & Fittings

Plans are available to download on Sam.gov by searching for solicitation ID no. 140R2024R0017. You may also contact Jamie Miranda at jmiranda@shimmick.com for a download link to view plans and specifications or to schedule an appointment via Teams to discuss the documents. Meetings are held during regular business hours.

Should you require assistance with your bid, please contact our lead estimator Roxanna Kharrazi at rkharrazi@shimmick.com.

All items of work listed above are made available, even items of work normally performed by Shimmick / CEC Joint Venture. Please contact the lead estimator listed above for assistance with breaking down items of work into economically feasible units, with assistance obtaining equipment, supplies, materials, bonding, insurance, estimating, or related assistance. 100% Performance and Payment bonds with a surety company subject to approval of the JV are required of subcontractors for this project. The JV will pay bond premium up to 1.5%. Subcontractors will be required to abide by terms and conditions of the AGC Master Labor Agreements and to execute an agreement utilizing the latest Long Form Standard Subcontract incorporating prime contract terms and conditions, including payment provisions. The JV's listing of a Subcontractor is not to be construed as an acceptance of all of the Subcontractor's conditions or exceptions included with the Subcontractor's price quote. The JV requires that Subcontractors and Suppliers price quotes be provided at a reasonable time prior to the bid deadline to enable a complete evaluation. For assistance with bonding, insurance or lines of credit contact Amanda Mobley at amanda.mobley@shimmick.com.



Shimmick Construction Company, Inc.
1 Harbor Center, Suite 200 • Suisun City, CA 94585
Phone (707) 410-5070
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CMD certified San Francisco Micro & Small-LBE and PUC-LBE Subcontractor/Supplier Bids Requested For:
San Francisco Public Utilities Commission

Sunol Valley Water Treatment Plant Short Term Improvements (Sunol, CA)
Contract No. WD-2909

REVISED BID DATE: Thursday, January 16th, 2025 at 2pm

LBE Requirement: 11%

Subcontracting Participation Breakdown: 4.9% MBE; 1.8% WBE; 4.3% OBE

Total Project Value: \$45M - \$50M

Email quotes to jmiranda@shimmick.com and ebrosnan@shimmick.com

Bid Items: Shimmick Construction Company, Inc. is requesting quotes from certified LBE subcontractors and suppliers in the following scopes of work, including, but not limited to, the following. Please reach out to the lead estimator listed below for more details on scopes needed:

Welding Contractor; Reinforcing Steel Contractor; Pipeline Contractor; Fencing Contractor; Sanitation Systems Contractor; Earthwork & Paving; Painting; Traffic Control Services; Concrete Contractor; Metal Products Contractor; Scaffolding Contractor; Trucking & Hauling; Fencing Materials & Supplies; Photography Services

All items of work listed above are made available, even items of work normally performed by Shimmick. Please contact the lead estimator for assistance with breaking down items of work into economically feasible units, assistance obtaining equipment, supplies, materials, bonding, insurance, estimating, or any additional assistance. Shimmick Construction's listing of a Subcontractor is not to be construed as an acceptance of all of the Subcontractor's conditions or exceptions included with the Subcontractor's price quote.

Plans and Specifications: Plans and specifications are protected by a Confidentiality Agreement. For more information on how to access the plans and specifications, please visit <https://webapps.sfpuc.org/bids/BidDetail.aspx?bidid=4521>. You may also contact Jamie Miranda at jmiranda@shimmick.com for assistance.

The Bid Documents are also available for inspection at SFPUC Contractors Assistance Center. Please visit <https://sfpuc.org/construction-contracts/contractor-assistance/contractors-assistance-center> for additional information.

Shimmick Contacts: Should you require assistance with your bid, please contact our lead estimator Erin Brosnan at ebrosnan@shimmick.com.

Additional Information: 100% Performance and Payment bonds with a surety company subject to approval of Shimmick Construction Company, Inc. are required of subcontractors for this project. Shimmick Construction will pay bond premium up to 1.5%. Subcontractors will be required to abide by terms and conditions of the AGC Master Labor Agreements and to execute an agreement utilizing the latest SCCI Long Form Standard Subcontract incorporating prime contract terms and conditions, including payment provisions. For assistance with bonding, insurance or lines of credit contact Amanda Mobley at amanda.mobley@shimmick.com.

Bidders are alerted to the City's surety bond program, which assists LBE contractors in obtaining bonding and financing for contracts awarded by the SFPUC. For further information regarding enrollment eligibility and program services contact Jennifer Elmore at (415) 217-6578.

All subcontractors must possess a current contractor's license and Public Works Registration number (DIR).



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Phone (707) 410-5070
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DBE Subcontractor/Supplier Bids Requested For:

City of Palo Alto
Local Advanced Water Purification System (Local AWPS)
IFB No. 193197

BID DATE: Friday, January 31st, 2025 at 3pm

Project Location: Palo Alto, CA

Email quotes to jmiranda@shimmick.com

Shimmick Construction Company, Inc. is requesting quotes from certified DBE subcontractors and suppliers in the following scopes of work, including, but not limited to:

Subcontractors: Traffic Control System; Construction Signs; Existing Highway Facilities (Reset, Adjust Roadway Items; Cold Planing); Clear & Grub; Earthwork (Roadway Excavation; Embankment Construction); Erosion Control (Hydroseeding; Irrigation System; Landscape); Finishing Roadway; Pipeline, Drain Inspection; Aggregate Base and Subbase; Concrete Pumping; Asphalt Concrete; CIDH Concrete Piling; Concrete Structure (Furnish Precast Concrete Deck Unit; Erect Precast Concrete; Masonry Block Sound Wall; Joint Seal); Reinforcing Steel; Waterproofing; Steel Structures; Lumber; Subsurface Drain (Filter Fabric; Permeable Material); Downdrain; Plastic Pipe; Welded Steel Pipe; Welding Contractor; Sewer Manhole; Concrete Curb & Sidewalk; Pumping Plant Electrical Equipment; Well (Develop, Test, Drill, Maintain Wells); Saw Cutting; Paint/Stain Concrete; Painting Structures; Permanent and Temporary Fencing; Metal Railing; Concrete Barrier; Materials Testing; Land Surveyor; Construction Staking; SWPPP Planning; Roofing; Plumbing; Fire Protection; Door Installation; Heating & Air Conditioning; Insulation; Coring; Cutting; Trucking (Super Dump Truck 4-Axle; Bottom Dump; Transfer Dump; Super 10 Dump; Flat Bed; Water; End Dump; Street Sweeping)

Suppliers: Safety Equipment; Landscaping & Nursery; Sand & Gravel; Rock, Cobbles, Boulders; Asphalt; Piling; Concrete & Cement; Rebar; Steel; Doors & Frames; Lumber; Roofing, Siding & Insulation; Pipe; Draining Systems; Storm Water Systems; Fencing; Guard Railings & Barriers; Pavement Markers; Electrical & Signals; Building Materials; Tools; Staking; Traffic Striping, Marking & Materials; Construction and Heavy Equipment Rental

Plans are available to download after registration on OpenGov: <https://procurement.opengov.com/vendors/14972/proposals/244521/projects/133236>. You may also contact Jamie Miranda at jmiranda@shimmick.com for a download link to view plans and specifications or to schedule an appointment via Teams to discuss the documents. Meetings are held during regular business hours.

Should you require assistance with your bid, please contact our lead estimator Matt Harris at mharris@shimmick.com.

All items of work listed above are made available, even items of work normally performed by Shimmick. Please contact the lead estimator listed above for assistance with breaking down items of work into economically feasible units, with assistance obtaining equipment, supplies, materials, bonding, insurance, estimating, or related assistance. 100% Performance and Payment bonds with a surety company subject to approval of Shimmick Construction Company, Inc. are required of subcontractors for this project. Shimmick Construction will pay bond premium up to 1.5%. Subcontractors will be required to abide by terms and conditions of the AGC Master Labor Agreements and to execute an agreement utilizing the latest SCCI Long Form Standard Subcontract incorporating prime contract terms and conditions, including payment provisions. Shimmick Construction's listing of a Subcontractor is not to be construed as an acceptance of all of the Subcontractor's conditions or exceptions included with the Subcontractor's price quote. Shimmick Construction requires that Subcontractors and Suppliers price quotes be provided at a reasonable time prior to the bid deadline to enable a complete evaluation. For assistance with bonding, insurance or lines of credit contact Amanda Mobley at amanda.mobley@shimmick.com.

This project will be funded by and is subject to the requirements of the State Water Resources Control Board's (SWRCB) Clean Water State Revolving Fund (CWSRF) program and the United States Bureau of Reclamation (USBR) Water Infrastructure Improvements for the Nation Act (WIIN). This project is subject to the requirements of Build America Buy America (BABA) Public Law 117-58, the requirements of Davis-Bacon Act and use of current wage determinations required by Davis Bacon Act, and requirements of the California State Water Resources Control Board's Disadvantaged Business Enterprise (DBE).



CALIFORNIA SUB-BID REQUEST ADS



Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Linda Manor and Old Florin Town Septic to Sewer Conversion
Contract no. 6035

Owner: Sacramento Area Sewer District
Revised Bid Date: Jan. 28th, 2025 @ 11:00 a.m.

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to: Low density cellular grout, Pipe suppliers, Bore & Jack, Bypass pumping, Concrete structures, Dewatering, Environmental services, Cast-In-Place Concrete Pipe, manholes, Shoring Subs, Surveying, SWPPP, Plumbing, Trucking.

Project Description: The work includes but not limited to: approximately 9,485' of 8" VCP by open cut; approximately 55' of 21" RCP by bore & jack; approximately 13,475' of 4" & 6" HDPE by open cut and/or HDD; 114 service laterals to existing septic plumbing on private property; sewer bypass system and removal /replacement of sewer manholes.

Engineers Estimate: \$9 Million

Project information, including plans & specifications can be found by contacting:
<http://www.publicpurchase.com> or: estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

Mountain Cascade Inc. is an Equal Opportunity Employer
California License # 422496

This is Part of a Good Faith Outreach. Your response is greatly appreciated



Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Rio Cosumnes Correctional Center Pump Station (S012)
Contract No. 6032

Owner: Sacramento Area Sewer District
Bid Date: January 15, 2025 @ 11:00 A.M.

****PLEASE NOTE MCI IS REQUESTING ALL QUOTES TO BE SUBMITTED NO LATER THEN 5PM ON DAY BEFORE BID DAY TO ENSURE QUOTE HAS BEEN RECEIVED AND REVIEWED****

We are requesting quotes from all qualified Subcontractors and Suppliers but not limited to:

Aggregates, Asphalt, Concrete Material, Pipe Suppliers, Precast Materials, Analytical Testing, Bypass Pumping, Concrete Flatwork, Concrete Pumping, Concrete Structures, Demolition, Electrical- Building, Electrical-Street Lights/Traffic Signals/Loops, Fencing, Handrailing, Joint Seal, Landscaping/Irrigation, Manhole Rehab, Masonry, reinforcing Steel, Sawcutting, Shoring Subs, Striping, Surveying, SWPPP, Trucking, Access Doors/Doors & Hardware, Acoustical, Bldg. Masonry, Bldg. Construction, Generators/Switch Gear, HVAC/Mechanical, Drainage Pumping Plant, Painting/Coatings, Plumbing, Roofing, Waterproofing, Grate, Fiber Glass Reinforced Pipe, Slide Gates, Misc. Metals.

Project Description:

Modifications to existing pump station facilities including but not limited to: replacement of two submersible pumps, two inclined auger screens, two grinders, one standby generator meeting Tier 4 emissions, pump removal crane and frame, wet well cover and access hatch, spot repairs to existing wet well PVC lining.

Engineers Estimate: \$16.7 Million

Project information, including plans & specifications can be found by contacting:

www.publicpurchase.com/gems/sasd/ca/buyer/public/home
estimating@mountaincascade.com

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Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Harvest Water Elk Grove Transmission Pipeline Project – Segment 1
Contract No. 6034

Owner: Sacramento Area Sewer District
Bid Date: January 15, 2025 @ 1:00 P.M.

****PLEASE NOTE MCI IS REQUESTING ALL QUOTES TO BE SUBMITTED NO LATER THEN 10AM ON BID DAY TO ENSURE QUOTE HAS BEEN RECEIVED AND REVIEWED****

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to:

AGGREGATES, ASPHALT, CONCRETE MATERIAL, SLURRY, LOW DENSITY CELLULAR GROUT, PIPE & VALVES SUPPLIERS, PRECAST MATERIALS, AC OILS, ASPHALT GRINDING, CATHODIC PROTECTION, MICRO-SURFACING/CHIPSEAL/SLURRY SEAL, CONSTRUCTION AREA SIGNS, ELECTRICAL, ELECTRICAL-STREET LIGHTS/TRAFFIC SIGNALS/LOOPS, ENVIRONMENTAL SERVICES, EROSION CONTROL, ENVIRONMENTAL FENCING, GEOTECH ENGINEERS, HYDROSEEDING, FUSIBLE HDPE PIPE, K-RAIL, LANDSCAPING/IRRIGATION, MICROTUNNELING, REINFORCING STEEL, SAWCUTTING, SHORING SUBS, STRIPING, SURVEYING, SWPPP, TRAFFIC CONTROL, VIBRATION MONITORING, WELDED STEEL PIPE, TRUCKING, PAINTING/COATINGS, FIELD WELDING FOR STEEL PIPELINES.

Project Description: Construction approximately 1.6 miles of large diameter (66") recycled water pipeline.

Project information, including plans & specifications can be found by contacting:

www.publicpurchase.com/gems/srcsd/ca/buyer/public/home
estimating@mountaincascade.com

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Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: CONSTRUCTION ON STATE HIGHWAY IN SOLANO COUNTY NEAR SUISUN CITY FROM 0.2 MILE EAST OF LAWLER RANCH PARKWAY TO 0.5 MILE EAST OF SHILOH ROAD.
Contract No. 04-2Q5504

Owner: Caltrans
Bid Date: January 22nd, 2025 @ 2:00 PM ELECTRONIC BID
DBE Goal: 22%

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to:

AGGREGATES, ASPHALT, CONCRETE MATERIALS, SLURRY, PIPE SUPPLIERS, DRAINING SYSTEMS PIPE SUPPLIERS, STORM WATER SYSTEMS PIPE SUPPLIERS, AC DIKES, AC OILS, ASPHALT GRINDING, BRIDGE-CONCRETE, BRIDGE-STEEL, CONCRETE PAVEMENT, CONCRETE STRUCTURES, CONSTRUCTION AREA SIGNS, EROSION CONTROL, GEOTECH ENGINEERS, GUARDRAIL, SAWCUTTING, STRIPING, SURVEYING, SWPPP PLAN ONLY, TRAFFIC CONTROL, TRUCKIGN, GRINDER, SEGMENT CORRECTION

Project Description:

The project includes, RHMA overlay, replace culverts, bridge rails, and median barriers.

Engineers Estimate: \$25,000,000

Plans and specs can be obtained at:

<http://ppmoe.dot.ca.gov/des/oe/weekly-ads> Or contact: estimating@mountaincascade.com

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Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Ella Way Well Project
Owner: Citrus Heights Water District
Bid Date: January 15, 2025 @ 2:00 P.M.
Bid Completion: 260 cd's

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to:

AGGREGATES, ASPHALT, CONCRETE MATERIAL, PIPE SUPPLIERS, CONCRETE FLATWORK/SUTRUCTURES, CONSTRUCTION AREA SIGNS, EELCTRICAL – BUILDING, EROSION CONTROL, FENCING, LANDSCAPING/IRRIGATION, MASONRY, SAWCUTTING, SURVEYING, SWPPP, TREE REMOVAL/ARBORIST, TRUCKING, ACCESS DOORS/DOORS& HARDWARE, BLDG. MASONRY, PUMPING PLANT ELECTRICAL EQUIPMENT, DRYWALL, HVAC/MECHANICAL, PAINTING/CAOTINGS, ROOFING, GRATE, WELL & PUMPS.

Project Description:

The project consists of but not limited to: anew groundwater production well including a block building, sewer, distribution, storm drain and system piping, pump and motor, site drainage improvements, new pavement, concrete perimeter security wall ad steel fencing.

Project information, including plans & specifications can be found by contacting:

www.chwd.org
estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

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Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: San Joaquin Pipeline Valve & Safe Entry Improvements:
Phase 2B & 2C – Contract No. HH-1016

Owner: San Francisco Public Utilities Commission
Bid Date: January 9th, 2025 @ 2:00 p.m.

We are requesting quotes from all qualified MBE/WBE/LBE Subcontractors and Suppliers but not limited to:

Aggregates, Asphalt, Concrete, Slurry, Pipe Suppliers, Precast Materials, Cathodic Protection, Concrete Flatwork, Concrete Structures, Electrical-Building, Fencing, Reinforcing Steel, Striping, Structure Steel, Welded Steel Pipe, Crane Rental, Painting/Coatings, Grate, Valves/Water Main/Temp Facilities.

Project Description:

The objective of the project to improve existing San Joaquin Pipeline (SJPL) System for safe personnel entry into segments of pipelines without a system shutdown. Phases 2B & 2C focus on improvements at the crossover vaults (Pelican, Roselle, and Emery) and SJPL#4 tie-in. Phase 2B includes: a) Uprate by installing three (3) City-Furnished 72" butterfly valves; b) two (2) City-Furnished 54" Butterfly Valves (KGVs) and two (2) City-Furnished 36" Knife Gate Valves; c) Furnish and install fourteen (14) Removable Spool Pieces (RSPs) and reinforced concrete vaults, d) Furnish and install six (6) 8" KGVs, eight (8) 12" KGVs, and three (3) 24" KGVs that are manually operated, and e) Associated structural, corrosion control, electrical, and I&C work. Phase 2C includes: a) Uprate three (3) 60" Butterfly valves, b) Install six (6) RSPs and reinforced concrete vaults, c) Install six (6) manually operated 8" bypass KGV, and d) Associated structural, corrosion control, electrical, and I&C work. The work is to be performed in Stanislaus County, California.

Engineers Estimate: \$57 Million

Project information, including plans & specifications can be found by contacting:


estimating@mountaincascade.com

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CALIFORNIA SUB-BID REQUEST ADS



Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Sunol Valley Water treatment Plant Short Term Improvements
Contract No. WD-2909
Owner: San Francisco Public Utilities Commission
Bid Date: January 16th, 2025 @ 2:00 p.m.

We are requesting quotes from all qualified MBE/WBE/LBE Subcontractors and Suppliers but not limited to: Pipe Suppliers, Electrical-Building, Fencing, Hydroseeding, HDPE Pipe, Valves/Water Main/temp Facilities, Reinforcing Steel, Painting/Coatings, Concrete Repairs, FRP Grating, Bird Netting, Steel Pipe, Pumping Plant Equipment, Drainage Pumping equipment, Generators/Switch gear, Misc. metals,

Project Description:
The objective of the project is to improve several treatment systems at the Sunol Valley Water Treatment Plant. This includes repair of sediment and flocculant basin concrete; replacement of sludge removal equipment, channel and filter valves, cationic polymer system, and sample pumps; and installation of chemical piping. In addition, a new utility water pump station will be installed to support the facility. The work is to be performed in Alameda County, California.


Engineers Estimate: \$45 Million

Project information, including plans & specifications can be found by contacting:
estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

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California License # 422496

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Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Brackney Landslide Area Pipeline Risk Reduction Project
CWO # 2020-003
Owner: City of Santa Cruz
Bid Date: February 7th, 2025 @ 2:00 p.m.

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to: Aggregates, Asphalt, Concrete Material, Slurry, Low Density Cellular Grout, Pipe Suppliers, Analytical Testing, Directional Drilling, Geotech Engineers, Striping, Surveying, Vibration Monitoring, Trucking, Hazmat, Valves/Water Main/Temp Facilities.

Project Description:
The Work of this Contract includes the construction of the Newell Creek Pipeline in the Brackney Landslide area in Felton, CA between Glen Arbor Road and Brackney Road. The Brackney Landslide Area Pipeline Risk Reduction project will relocate approximately 2,250 feet of the Newell Creek Pipeline to increase the resiliency and reliability of water supply from the Loch Lomond reservoir. The project area is at particular risk of geotechnical hazards with approximately 2,700 linear feet new 24-inch inside diameter (ID) carrier pipeline, including an approximately 1,685 foot long portion to be installed by horizontal directional drilling (HDD). HDD through deep bedrock formation was determined to be the most cost-effective method to avoid landslide hazards. The project will require new easements for realignment. Due to limited access and construction staging, the project will require close coordination with neighbors and other utility owners, and the County of Santa Cruz.


Engineers Estimate: \$10 Million

Project information, including plans & specifications can be found by contacting:
estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

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California License # 422496

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Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Local Advanced Water Purification System (Local AWPS)
ITB Number: 193197 CIP: WQ-19003
Owner: City of Palo Alto
Bid Date: January 31st, 2025 @ 3:00 p.m.

We are requesting quotes from all qualified DBE Subcontractors and Suppliers but not limited to: Pipe Suppliers, Precast Materials, Steel Tanks, Bypass Pumping, CIDH Piles, Demolition, Electrical-Building, Fencing, Hydroseeding, Landscaping, Reinforcing Steel, Painting/Coatings, Concrete Repair, Concrete, FRP Grating, Crack Repair, Pre-engineered buildings, Misc. Metals, Valves/Water Main/Temp Facilities, Steel Pipe, Strainers, Insulation, Generators/Switch Gear, Drainage Pumping Equipment, Pumping Plant Electrical Equipment.

Project Description:
Description of Project: The Local AWPS project consist in two Phases. This IFB is for Phase that will produce 1.125 MGD of RO permeate and will include housekeeping pads for future skids and pipe headers sized enough to accommodate expansion. Phase I Motor Control Centers will also accommodate for Phase II electrical loads. The permeate produced from the project will be blended with the existing tertiary-treated recycled water to achieve an instantaneous TDS concentration of 400 to 500 mg/L. The Local AWPS will be constructed without interruption to the current treatment operations, except as allowed under special circumstances, such as piping and utility tie-ins. The electrical service, potable water service and fire water supply will be independent from the RWQCP service. New service connections will be made with City of Palo Alto Utilities (CPAU).


Engineers Estimate: \$53.5 Million

Project information, including plans & specifications can be found by contacting:
estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

Mountain Cascade Inc. is an Equal Opportunity Employer
California License # 422496

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McCarthy Building Companies
515 S. Flower St | Ste. 3600 | Los Angeles, CA 90071 | 213-655-1100 | License #411173

LACCD ELAC KWAC
Monterey Park, CA

McCarthy Building Companies, Inc. is soliciting interest from qualified subcontractors and suppliers to participate in the bidding for award phase of the project. The Scope of Work includes:

a. **LACCD East Los Angeles College, Kinesiology Wellness Athletic Center (ELAC KWAC)**
McCarthy and HED have been awarded the LACCD Kinesiology Wellness Athletic Center (KWAC). The KWAC building is a new 96,000 SF consisting of a new competition gymnasium, weight room, lockers rooms, juice bar, studio and fitness rooms, conference rooms, classrooms, offices, workstation areas, huddle rooms, Physical Therapy lab spaces, support spaces, and Rooftop PV. The existing Bungalows portables and parking lot areas will need to be demolished prior to the start of KWAC construction. The existing Child Development Center is an active building which needs to be maintained throughout construction while the existing Men's Gym needs to remain active until the KWAC Building is completed. The new KWAC Building will connect to the existing campus hydronic loop at the CUP, the campus Medium Voltage Loop and the campus communication fiber loop. The new Site work includes a new Multipurpose Field, public gathering/seating areas, landscape areas, and a new fire access road.

Bidders will be awarded a Stipulated Sum (Lump Sum) Design Build/Assist Contract. The contract will require Part A & Part B services (Part A = Design & Preconstruction Costs; Part B = Construction Costs). Each Bid Trade Package will have the specific Part A design and preconstruction responsibilities outlined in a McCarthy Scope Sheet.

Note: LACCD requires contractors to be able to satisfy their Project Labor Agreement (PLA). Technology contractors must be pre-approved with LACCD.

Project Location: 1301 Avenida Cesar Chavez, Monterey Park, CA 91754

Work categories to be awarded include: Structural Steel, and High Density Shelving.


Key Subcontractor Qualifications: Design-build experience; bondable and prequalified with McCarthy Building Co.

Key Dates (subject to change): Request for Proposals (RFP) issued to Subcontractors – 12/20/24 via Building Connected; RFI's Due 1/08/25; Proposals Due to McCarthy – 1/17/25.

- * - This project will require subcontractors to sign the Project Labor Agreement (PLA)
- * - This project contains an Owner Controlled Insurance Program (OCIP)
- * - A 100% Performance and Payment Bond from an admitted surety will be required upon award of contract for all trades.
- * - McCarthy is an equal opportunity employer and encourages qualified Small Business and Minority Business participation.
- * - LACCD requires an EMR of 1.24 or lower.

Please contact us if you have any questions regarding project specifics:
McCarthy Building Co, Inc.
Manasi Pitkar, Sr Preconstruction Director
E-Mail: mpitkar@mccarthy.com

WE ARE AN EQUAL OPPORTUNITY EMPLOYER



Mountain Cascade Inc.
555 Exchange Court, Livermore, CA 94550
(925) 373-8370, Fax (925) 373-0940

Project: Waverly Road Resurfacing
Owner: County of San Joaquin
Bid Date: January 09, 2025 @ 1:30 P.M.
Engineers Estimate: \$1,000,000

*******PLEASE NOTE THIS IS AN ELECTRONIC BID, MCI IS REQUESTING ALL QUOTES TO BE SUBMITTED NO LATER THEN 11:30AM TO ENSURE QUOTE HAS BEEN RECEIVED AND REVIEWED*******

We are requesting quotes from all qualified Subcontractors and Suppliers but not limited to: AGGREGATES, ASPHALT, AC DIKES, AC OILS, ASPHALT GRINDING, CONSTRUCTION AREA SIGNS, GEOTECH ENGINEERS, STRIPING, SURVEYING, SWPP PLAN ONLY, TRAFFIC CONTROL, TRUCKING

Project Description:
The work, in general, consists of repairing and resurfacing approximately 1.8 miles of roadway with asphalt concrete.

Engineers Estimate: \$25,000,000

Project information, including plans & specifications can be found by contacting:
estimating@mountaincascade.com

Please feel free to contact Mountain Cascade, Inc. at 925.373.8370 with any questions concerning bonding, insurance, lines of credit, and job overview. We look forward to your response.

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California License # 422496

EVRA Construction, Inc.

We are requesting bid quotations from all subcontractors and suppliers and DVBE Subcontractors/Suppliers for the following

Alvarado Elementary School
Makerspace and Library – Bid #715 project
31100 Fredi St, Union City, CA 94587
Bid Date: Friday, January 3, 2025 at 10:00 A.M.

Please fax or e-mail us your Bid proposal at least 2 hours prior to the Bid Opening.

Please note: all Subs above \$150,000 might require bonds.

EVRA Construction, Inc.
2227-26th Ave, San Francisco, CA 94116.
Estimator: **Alex Yunak**
Phone: 415-467-1336; Fax: 415-467-1356 • e-mail: alex@evraconstruction.com

New 2024 Population Estimates Show Nation's Population Grew by About 1% to 340.1 Million Since 2023

Continued from page 1

cent years, its contribution has dwindled due to fewer births and more deaths. The aging of the population is fueled by the large number of Baby Boomers born between 1946 and 1964 entering high mortality ages.

There was a brief uptick in births from 2021 to 2022, but rates returned to their downward trend in 2023.

In contrast, net international migration's influence on population trends has increased over the last few years. Since 2021, it accounted for

the majority of the nation's growth — departure from the last two decades, when natural increase was the main factor.

More U.S. and state population and demographic components of change are available in the most recent population estimates release

SOURCE:

https://www.census.gov/library/stories/2024/12/population-estimates.html?utm_campaign=20241220aco&utm_medium=email&utm_source=govdelivery

The Benefits of Incorporating AI Into the Construction Lifecycle

[Article originally appeared in www.constructionexec.com]

By Ian Warner

Interest in artificial intelligence has been spreading like wildfire over the past few years. AI is not a new term for Trimble, which has been capturing and leveraging construction data for decades. From hardware to software, the field to the office or among stakeholders, harnessing and making meaning out of data is the crux of Trimble's business. Generative AI is simply a new set of tools that provide a richer narrative around data, making it more insightful and actionable.

As a company that helps connect stakeholders across the entire construction lifecycle—design, construction and operations/ maintenance—AI has been woven in and leveraged across a number of Trimble solutions to help contractors do more with less, while also giving them greater decision-making power and the ability to focus on other key challenges.

While the use cases for AI are diverse and ever-changing, below are a few key areas where Trimble has doubled down on AI, with the goal of making contractors' jobs less cumbersome and repetitive, safer and more capable of being upskilled—efforts which will only continue to grow in the coming years.

AUTOMATING REPETITIVE, MUNDANE WORK

One of AI's top benefits in construction is assisting with the automation of data entry, thereby removing (or at least reducing) the many manual, tedious tasks that occur across a project's lifecycle.

On the design side, generative AI is being used to help design teams automate modeling work—resulting in faster, less labor-intensive workflows. One recently released 3D-modeling tool—Diffusion from Trimble SketchUp—lets users create images from an active model through a simple text prompt. Diffusion can help inspire designers during the earliest stages of design, allowing them to explore ideas and iterate on them rapidly, to later stages of design, helping them produce gorgeous renders in significantly less time.

SketchUp also recently released Scanto-Design, which captures and interprets scans of interior spaces or exterior building data and transforms it into clean, organized 3D geometry, creating an immediate starting point for conceptual design. AI is used to help convert the raw scan data into usable 3D models, providing architects with a starting point for creating beautiful conceptual designs that can easily be shared with clients for immediate feedback.

Many contractors are also using Trimble's Automatic Invoicing feature, which leverages AI within the company's two enterprise resource planning systems—Vista and Spectrum—allowing accounting teams to automatically turn paper and PDF invoices into validated, unapproved invoice entries for faster, more accurate workflows that save contractors valuable time, effort and money.

Trimble is also looking into using generative AI to help search and summarize documents, given that over 80% of construction data is unstructured and in the form of a document, such as a PDF. This can help streamline a tedious and time-consuming task, making it more manageable and efficient for contractors.

Throughout these tasks, AI is streamlining some of the more mundane yet important aspects of design and construction work, empowering construction professionals to focus on the more critical aspects of their jobs that require human judgment. In the process, it's helping to streamline project planning, offer alternative design possibilities and provide data-driven insights for better resource allocation.

However, it's important to note that AI in construction has limitations. Its effectiveness depends on the quality and relevance of its training data. Human expertise remains crucial for interpreting AI outputs, ensuring regulatory compliance, and making final decisions that consider the full context of a project. The key is to leverage AI as a tool that enhances, rather than replaces, the invaluable experience and intuition of construction professionals.

Visit the link for the full article:
<https://tinyurl.com/2bayzfh4>

Why California needs to double-down on its apprenticeship programs

Continued from page 1

to train workers for niche roles that may not be widely covered in school.

For many people, apprenticeships offer a more accessible and affordable path to high-demand careers. The positions are often paid, ensuring participants can earn while they learn. These programs offer a practical avenue for people who prefer hands-on learning. They are also an important route for people from underrepresented groups, or who lack access to higher education.

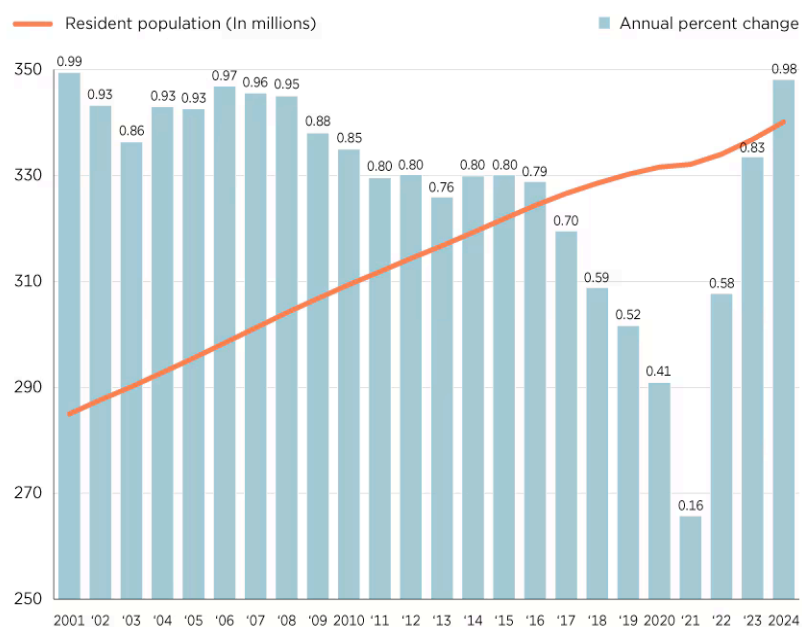
There's several workforce development and apprenticeship programs growing across California, stemming from the Apprenticeship Building America grant program, Opportunity Young Adult Career Pathway Program and the state's High Road Training Partnerships initiative. With

these federal and state grants, selected public and private organizations are working together to develop partnership programs that prepare participants for careers in manufacturing, public sector work, health care, construction, IT and engineering.

By offering hands-on experience and accessible pathways to employment, apprenticeships offer a scalable and equity-focused approach to today's workforce challenges. Californian public and private organizations should invest in these programs to close the skills gap, improve employee retention and create a more resilient workforce.

SOURCE: <https://calmatters.org/commentary/2024/12/apprenticeship-workforce-programs-california-economy/>

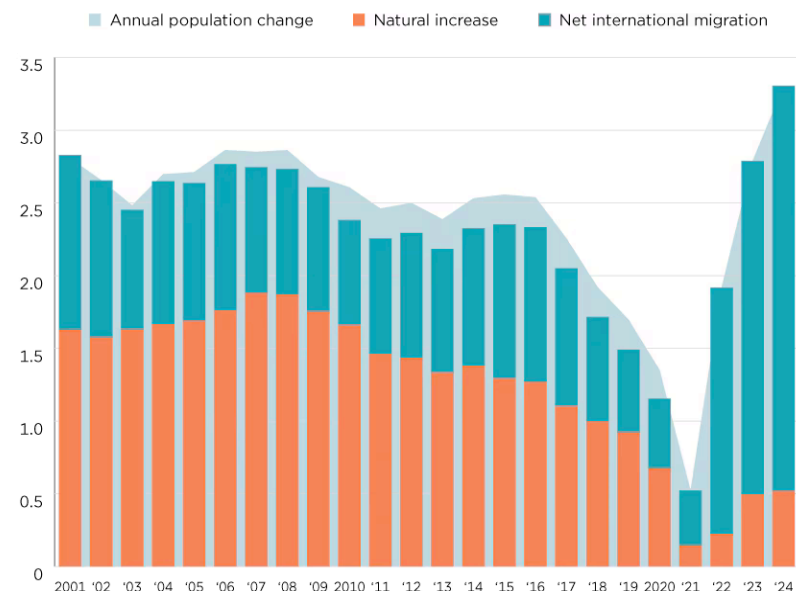
Figure 1.
Annual Percent Change in U.S. Population: July 1, 2000–July 1, 2024



Note: In some cases, the labels for percent change may be identical, yet the bar heights might differ slightly. The difference is due to rounding.

Source: U.S. Census Bureau, Vintage 2024 Population Estimates, 2000–2010 and 2010–2020 Intercensal Estimates.

Figure 2.
U.S. Annual Population Change, Natural Increase and Net International Migration: July 1, 2000–July 1, 2024
(In millions)



Note: For the years 2000 to 2020, the sum of natural increase and net international migration may differ slightly from the annual population change. This is because population change is derived from the intercensal estimates, which do not include the components of population change. The components of change are based on postcensal estimates. For more information on the difference between intercensal and postcensal estimates, please visit www.census.gov/programs-surveys/popest/guidance.html.

Source: U.S. Census Bureau, Vintage 2024, 2020, 2010, and 2000 Population Estimates; 2010–2020 and 2000–2010 Intercensal Estimates.