

Statement of Qualifications



**Engineering, Construction Management, and
Facilities Operations & Maintenance Services**

- ✓ *Environmental Consulting & Engineering*
- ✓ *Abatement, Demolition, Remediation & Restoration*
- ✓ *Civil Engineering & Clean Construction*
- ✓ *Munitions & Explosives of Concern*
- ✓ *Water, Wastewater, and Groundwater Treatment*
- ✓ *Storm Water Management*
- ✓ *Construction Management and Support*
- ✓ *Facilities Management and Base Operations Support*

A landscape photograph showing a large, leafy green tree on the left side of a bright green field. The sky is a clear, vibrant blue with some light clouds. The text is overlaid at the bottom of the image.

Providing Solutions for a Clean Environment!

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Introduction

Who We Are

Accord Engineering, Inc. is a multi-disciplined engineering, consulting, construction management, and field remediation firm, specializing in civil and environmental projects for municipal, state, federal, and commercial clients. Established in 2000, Accord Engineering is a California registered "S" Corporation, with offices in Santa Ana and San Diego, California. Accord Engineering provides integrated services from conceptual design to field implementation in the disciplines of environmental and civil engineering.

Accord Engineering's professional staff includes dedicated and committed environmental engineers, geologists, civil engineers, chemical engineers, geotechnical engineers, chemists, industrial hygienists, toxicologists, construction managers, and environmental scientists. The majority of Accord Engineering employees have between 10-25 years of hands on experience and a large number of key staff have advanced degrees in addition to substantial practical experience.

What We Do

Accord Engineering provides integrated services from conceptual design to field implementation in the disciplines of environmental and civil engineering. We specialize in resolving environmental and engineering issues related to property abatement, demolition, and remediation; site demolition and restoration; munitions and explosives response; landfill closure and management; hazardous materials management; storm water management; water and wastewater treatment; civil engineering and clean construction, general construction management, and onsite professional staffing. Accord Engineering's professional staff has extensive experience in compliance with local, state and federal environmental statutes and regulations.

Our clients include the Department of the Navy, U.S. Army Corps of Engineers, Bureau of Reclamation, Port of Long Beach, Port of San Diego, Southern California Edison, Los Angeles Unified School District, University of California, Irvine Campus, California Department of Toxic Substance Control, numerous municipalities and other local government agencies.

Licenses and Certifications

Most of our senior professionals are state registered Professional Engineers, Geologists, and Hydrogeologists. Accord Engineering also has a General A Engineering Contractor license issued by the State of California (License No. 813435) and capable to perform field abatement, demotion, remediation, and horizontal construction projects. Working in conjunction with our engineering resources, we can provide a complete design-build project that offers a much improved schedule, cost savings, streamlined contract management, and improved accountability and communications.

Accord Engineering has SBE and DBE certifications from numerous government entities including the Federal Small Business Administration, the Metropolitan Water District of Southern California, the California Unified Certification Program, and the Supplier Clearinghouse.



Business Philosophy

The people of Accord Engineering understand that we are in the “service” industry and therefore client satisfaction is our ultimate goal. We understand that client satisfaction means providing top-quality products, day-to-day accessibility, and rapid response by our project professionals. We also understand that only value-added solutions can offset the cost to resolve environmental problems. Client satisfaction is driven by delivering timely, accurate, cost effective and complete solutions.



Performance

Accord Engineering’s commitment to the highest standards of service excellence has been recognized by industry groups and by our clients. Our Pier S Remediation project was nominated by the Port of Long Beach to the Western Council of Construction Consumers and won a Distinguish Project Award in Year 2001. Our project engineer, who was involved in a soil and groundwater remediation project, received a California Engineering Excellence Merit Award from the American Council of Engineering Companies (ACEC) in 2009. In 2007, we received the Builder of the Year Award from the Chinese American Construction Professionals. In addition, we have received numerous letters of commendation from our clients. Our reputation for quality services is the result of Accord Engineering’s ability and commitment to properly staff each project with the right people. Accord Engineering currently has a 100 percent on-time, within budget, and zero-accident performance record!

Insurance and Bonding

Accord Engineering is fully insured to perform the professional services described in this SOQ. We carry general and professional liability insurances, and workers’ compensation insurance, with coverage limits satisfactory for most government contracts, including the Los Angeles Unified School District. We are bondable up to \$7.5M per contract and \$20M in aggregate.



Since 2009, Accord Engineering has used third-party firm, Dun & Bradstreet, to conduct annual client satisfaction survey. We obtained an overall 92 out of 100 rating for our performance 2 years in a row.

Benefit by Doing Business with Us

Accord Engineering is a firm providing high quality service but not encumbered by costly overhead and layers of management. Our level of experience ensures that projects can be completed in less time, and therefore at less cost to our clients. In short, choosing Accord Engineering for your consulting, engineering, and construction needs will result in faster solutions, easier client/consultant communication, and lower total cost.

Environmental Services



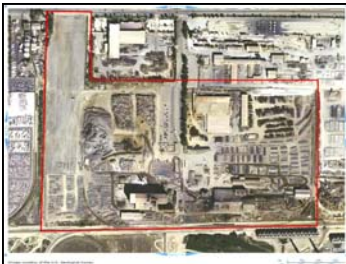
Site Investigation and Remediation

- Phase I and II investigations
- Soil and groundwater sampling
- Risk assessment
- Fate and transport modeling
- Site remediation and restoration
- Feasibility study and pilot testing
- Remedial system design and implementation
- Groundwater monitoring and reporting



Water / Wastewater / Groundwater

- Process design
- Treatability study and system optimization
- Regulatory compliance
- Trouble-shooting
- Bidding assistance
- Design/build
- Operation and maintenance



Storm Water Management

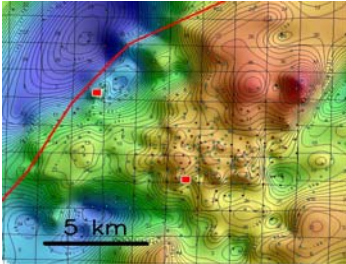
- Storm Water Pollution Prevention Plan
- BMP implementation and inspection
- Storm water sampling and reporting



Munitions and Explosives of Concern (MEC)

- Location surveys and project mapping
- Digital geophysical mapping (DGM)
- DGM processing and interpretation
- Geophysical data quality control
- MEC data management
- MEC removal
- MEC disposal and scrap recycling
- PA/SI, RI/FS, EE/CA, UXO removal action, UXO avoidance / construction support

Civil Engineering, Construction & Management



Civil Engineering

- Excavation and grading plans
- Storm water pollution prevention plans
- Erosion control
- Plans and specifications
- Design/build stormwater collection and treatment systems



Landfill and Geo-Environmental Engineering

- Closure and post-closure plans
- Joint technical documents
- Landfill cap design
- Groundwater and landfill gas monitoring
- Construction quality control



Construction Management

- Bid documents preparation
- Engineering cost estimates
- Bidding assistance
- Construction oversight
- Cost/schedule development
- Field inspection and quality control
- Permit compliance and reporting
- Storm water management and inspection



Civil and Environmental Construction

- Excavation and grading
- Environmental abatement and demolition
- Wet utility lines and treatment systems
- Site remediation and restoration
- Road improvements, concrete, curb and gutters

Facilities Operation and Maintenance Services



Facility Operation, Repair & Maintenance

- Carpentry and structural construction
- Electrical controls
- Plumbing
- Pipe systems
- Preventive maintenance



Hazardous Materials and Hazardous Waste Management

- Shelf-life management
- Waste reduction
- Cradle-to-Grave tracking
- Inspections and compliance
- Automated inventory and tracking systems



Technical, Administrative, and Tradesman Staffing

- Onsite staff augmentation
- Administrative assistants
- Project management
- Construction oversight
- Environmental and Civil Engineering professionals
- Field inspection and quality control



Facilities Lifecycle Management

- Facility and equipment condition assessment
- Preparation of program plans
- Establishment of maintenance requirements and methods
- Implementation and ongoing monitoring
- Cost/benefit analysis

Key Personnel

David Cheng, Ph.D., P.E. ***Principal, Environmental Engineer***

- Over 20 years of environmental engineering experience
- Registered professional civil engineer in California
- Designed and managed an award-winning \$38M remediation project

Max Pan, P.E., R.E.A. ***Principal, Civil and Geo-Environmental Engineer***

- Over 21 years of experience in civil and geo-environmental engineering
- Registered professional civil engineer and environmental assessor in California
- Successfully completed more than \$35M of complex geo-environmental projects

Stevern Hall, P.G., C.H.G. ***Engineering Division Manager***

- 25 years of experience in consulting, chemical and waste management industries
- In-depth experience applying hydrogeologic and geochemical skills in environmental projects
- Expert in environmental subsurface investigation and remediation.

Ken Plachy ***Construction Division Manager***

- 28 years of experience working on hazardous abatement, demolition, and construction
- Former President of American Demolition, Inc. and successfully completed over 200 contracts
- Successfully completed hundreds of contracts for government, state and local governments, local school districts, and private industrial and commercial clients.

Rod Reeve, P.G. ***Sr. Project Manager***

- Over 25 years of experience in site characterization and remediation
- Registered professional geologist in California
- Specialized in managing large-scale environmental programs

Michael Sayre, P.G., C.E.G. ***Sr. Project Manager,***

- Over 22 years of experience in site characterization and remediation
- Registered professional geologist and engineering geologist in California
- Specialized in performing geologic and hydrogeologic field investigation projects

Yu Zeng, Ph.D., P.E. ***Sr. Project Manager, Quality Assurance Manager***

- Over 18 years of experience in environmental engineering projects
- Certified Energy Manager and LEED Accredited Professional
- Specialized in environmental chemistry, and energy conservation


James Albright ***Sr. Construction Manager***

- 25 years of experience working on horizontal and vertical constructions
- Directly involved or completed more than 30 construction contracts

David Reinhard ***Construction Manager, Mechanical Engineer***

- 15 years of experience in aerospace industry
- 5 years of experience in water/wastewater construction
- Specialized in design/build treatment systems

Letters of Commendation



DEPARTMENT OF THE NAVY
BRAC PMO
5090 Sir BPMOW, JTD
April 7, 2005

Mr. Max T. Pan
Accord Engineering, Inc.
1231 East Dyer Street, Suite 265
Santa Ana, CA 92705

Subj: Performance under Contract N68711-04-C-1006

Dear Mr. Pan:

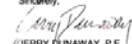
This letter is provided to you for your use in demonstrating your successful efforts in completing contract work for the U.S. Navy, BRAC Program Management Office (BRAC PMO). Specifically, you performed a non-time critical removal action at the Arsenic Area of Concern (AOC) site at the former Marine Corps Air Station (MCAS) Tustin under contract number N68711-04-C-1006 from 2004 to 2005. Reporting is the only remaining task on the contract at this time.

Under the subject contract, the following results were obtained after completing fieldwork at the Arsenic AOC:

- 1. Safely removed and transported 16,927 tons (about 740 loads) of arsenic-contaminated soil to a Class I landfill
- 2. Safely removed and transported 10,663 tons (about 470 loads) of demolition materials to various concrete/pavement/steel recycling facilities for reuse of these resources and maximizing landfill disposal requirements
- 3. Safely imported and placed 28,700 tons (about 1,100 loads) of clean backfill material
- 4. Effectively managed construction activities and maintained a zero-accident record during 4,700 field operation hours and more than 2,300 loads of import/export traffic during the 5-month fieldwork period that occurred during one of the wettest construction seasons on record in Orange County
- 5. Effectively controlled fieldwork cost variance to 23% (\$471K increase over a \$2,048K budget) and schedule variance to 66% (50 days over a 81-day schedule), although the removal and restoration quantities were increased by 104% (16,927 tons over a 8,300-ton budget) and performed under inclement weather conditions (over 20 rainy days and 34 inches of precipitation)
- 6. Expediently resolved various field variances by working closely with the City of Tustin's Caretaker staff and regulatory agency representatives resulting in minimal downtime and impact to other reuse and redevelopment activities at the Base
- 7. Aggressively recovered most of the fieldwork schedule variance by accelerating non-fieldwork activities; as a result the overall project schedule sustained less than 11% impact (34 days over a 317-day project schedule)
- 8. Successfully met all the removal action goals and left no residual risk to limit future development


5090
Sir BPMOW, JTD
April 7, 2005

Your successful work directly supports BRAC PMO's mission of conveying property in an expeditious manner. For the Arsenic AOC site, this is especially critical to BRAC PMO given the City of Tustin's current redevelopment planning to support a major retail-entertainment complex at this part of MCAS Tustin. That work is expected to begin in mid-2005, and the Navy is working closely with the City of Tustin to support that redevelopment. BRAC PMO plans to transfer this parcel to the City of Tustin later this year, and we rely on great work such as the work you demonstrated under the subject contract to allow us to do that. Thank you for your diligent efforts to complete the work. I can be reached at (619) 532-0075.

Sincerely,

JERRY DUNAWAY, P.E.
BRAC Environmental Coordinator
By direction of the Director

"This letter is provided for your use in demonstrating your successful efforts in completing contract work for the U.S. Navy, BRAC Program Management Office...Your successful work directly supports BRAC PMO's mission of conveying property in an expeditious manner...we rely on great work such as the work you demonstrated under the subject contract...Thank you for your diligent efforts to complete the work."

Jerry Dunaway, P.E.
BRAC Environmental Coordinator
U.S. Navy



Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

April 12, 2005

Mr. Max Pan
Vice President of Operations
Accord Engineering, Inc.
1231 E. Dyer Road, Suite 265
Santa Ana, CA 92705


Reference: Emergency Excavation and Removal Action
Jordan High School, Watts, California

Dear Mr. Pan:

It is my pleasure to provide you with this letter of reference for your successful efforts in the completion of the Emergency Excavation at Jordan High School project. The Department of Toxic Substances Control (DTSC) contracted with Accord Engineering for this fast-track project to address the imminent threat and endangerment associated with the soil contamination found at the project site. Due to the emergency nature of the project and various exposure concerns to the school and neighboring community, it required your company to perform the fieldwork within a very short notice and a two-week construction window. Also, due to the location and nature of the project, this project drew intense public scrutiny and news coverage.

Accord Engineering worked expeditiously and closely with DTSC in overcoming various project challenges. You also actively participated in the public meetings to support DTSC in addressing public concerns. Accord Engineering performed all fieldwork during the two week school break to eliminate exposure risks to the school staff/students. Additionally, Accord Engineering implemented rigorous dust control and monitoring efforts to assure that the removal action met the air monitoring criteria for the community. Accord Engineering coordinated field activities so that all subcontractors and suppliers worked in tight sequences and without any schedule conflict. Accord Engineering was able to execute the fieldwork without any delay or downtime due to your pre-construction planning efforts and continuous interface and communication with DTSC.

As the assigned DTSC Project Manager, I would like to thank you and your team for the great efforts put together in accomplishing this important project for the DTSC. I look forward to future opportunity to work with a team as yours.

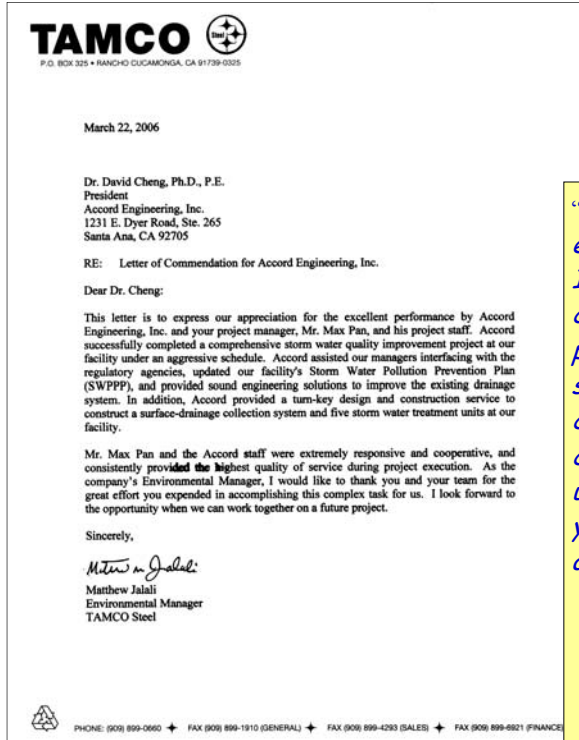
Sincerely,

Joe Sevreaan
Project Manager
Schools Unit-Glendale

Printed on Recycled Paper

"It is my pleasure to provide you with this letter of reference for your successful efforts in the completion of the Emergency Excavation at Jordan High School project...Accord Engineering worked expeditiously and closely with DTSC in overcoming various project challenges...As the assigned DTSC Project Manager, I would like to thank you and your team for the great efforts put together in accomplishing this important project for the DTSC. I look forward to future opportunity to work with a team as yours."

Joe Sevreaan
Project Manager
Department of Toxic Substances Control
April 12, 2005

Letters of Commendation



"This letter is to express our appreciation for the excellent performance by Accord Engineering, Inc...Accord successfully completed a comprehensive storm water quality improvement project at our facility under an aggressive schedule...Accord provided a turn-key design and construction service to construct a surface-drainage collection system and five storm water treatment units at our facility...I would like to thank you and your team for the great effort you expended in accomplishing this complex task for us."

**Matthew Jalali
Environmental Manager
TAMCO Steel
March 22, 2006**



"The final work shown in the photo looks like it turned out very well, and I am extremely pleased with the way the entire project was handled. You and your team are to be commended for an excellent job all around. We enjoyed working with you, and look forward to our next joint effort." - Camp Nine Bridge Demolition 2008

**Peggi Brooks
Resource Manager
New Melones Lake, CA
December 4, 2008**

Representative Projects

Environmental Assessments and Remediation	Client	Contract Value	Prime or Subcontractor
Engineering Design, Chemical Oxidation Pilot Test, for Remediation at Pier A West, Port of Long Beach, CA	Port of Long Beach	\$2,200,000.00	Subcontractor
Subcontractor to Ortiz Enterprise, Excavation and Disposal of Bugfarm Material, Pier S, Long Beach, CA	Port of Long Beach	\$1,200,000.00	Subcontractor
Environmental Investigation of 5-Mile Wastewater Pipeline for Soil and Groundwater Contamination, NAS North Island, San Diego	Dept. of the Navy	\$3,300,000.00	Prime
Non-Time-Critical Removal Action at Former Tustin Marine Corps Air Station, Tustin, CA	Dept. of the Navy	\$2,800,000.00	Prime
Environmental Assessment of Multiple Sites, NAB Coronado, San Diego, CA	Dept. of the Navy	\$2,000,000.00	Prime
Environmental Site Investigation at Multiple Proposed School Sites, Northern and Southern CA	CA Dept. of Toxic Substances Control	\$360,000.00	Prime
Remediation of Soil Containing PCB and Radioactive Material at Former El Toro Marine Corps Air Station, El Toro, CA	Dept. of the Navy	\$2,800,000.00	Prime
Environmental Assessment at Multiple Sites, NALF San Clemente Island, San Diego, CA	Dept. of the Navy	\$3,500,000.00	Prime
ID/IQ Single Award Contract for Environmental Engineering Services for RCRA/CERCLA/UST	Dept. of the Navy	\$20,000,000.00	Prime
ID/IQ Multiple Award Contract for Environmental Engineering and Incidental Services at U.S. Territories, Global Wide	Dept. of the Navy	\$75,000,000.00	Prime
Storm Water	Client	Contract Value	Prime or Subcontractor
Design and Construction of Storm Water Management System, Rancho Cucamonga, CA	TAMCO Steel	\$620,000.00	Prime
ID/IQ Storm Water Management at Various Location, Five Western States	Dept. of the Navy	\$15,000,000.00	Prime
Logistics Management	Client	Contract Value	Prime or Subcontractor
Management of Hazardous Materials	SPAWAR	\$1,000,000.00	Prime

Representative Projects

Water / Wastewater / Groundwater	Client	Contract Value	Prime or Subcontractor
Renovation of 13 Sewage Lift Stations at New Melones Lake, Sonora, CA	Bureau of Reclamation	\$3,280,000.00	Prime
Engineering Design and Bid Assistance for Design/Build a New Wastewater Treatment Facility, Twenty Nine Palms, CA	U.S. Army Corps of Engineers	\$90,000.00	Subcontractor
Groundwater Monitoring, Consultation, and Litigation Support for Remedial Cost Allocation, El Monte, CA	Confidential Client	\$50,000.00	Prime
Major Repairs of Sewer System and Wastewater Treatment Plant, Naval Air Facility, El Centro, CA	Dept. of the Navy	\$1,300,000.00	Prime
Abatement and Demolition	Client	Contract Value	Prime or Subcontractor
Lead/Asbestos Abatement and Demolition of 25 Buildings, Naval Weapon Station, Seal Beach, CA	Dept. of the Navy	\$1,800,000.00	Prime
Environmental Permitting, Lead Abatement, and Demolition of a 45-Ton Steel Bridge, New Melones Lake, Sonora, CA	Bureau of Reclamation	\$1,400,000.00	Prime
Demolition of 49 Buildings and Structures, Naval Weapon Station, Seal Beach, CA	Dept. of the Navy	\$3,100,000.00	Prime
Engineering Oversight and Construction Management	Client	Contract Value	Prime or Subcontractor
Construction Management for Soil Remediation at Proposed High School No.3, Los Angeles, CA	L.A. Unified School District	\$1,000,000.00	Prime
Construction Management for Soil Remediation at Proposed High School No. 12	L.A. Unified School District	\$200,000.00	Prime
Civil Engineer & Horizontal Construction	Client	Contract Value	Prime or Subcontractor
Apron 7 Concrete Repair, Naval Air Station, Fallon, NV	Dept. of the Navy	\$6,350,000.00	Prime
Construction of Stormwater Drainage System and Street Improvement	U.C. Irvine	\$1,100,000.00	Prime
Storm Drain, Water Main, Sewer Constructions, and Road Improvement	6 Local Cities in Southern California	\$2,600,000.00	Prime

Company Quick Facts

- A multi-disciplined engineering and construction company specialized in civil and environmental projects
- California Corporation Established in 2000
- California General “A” Engineering Contractor (License No. 813435), C21 Demolition, C35 Plastering, w/ HAZMAT and ABS (for estimating purpose only)
- Dun & Bradstreet DUNS # 55-584-0896
- Central Contractor Registration CAGE Code: 1VRQ6
- SBA certified, Minority-Owned Small Business Enterprise

Company Specialties by NAICS

237110	Water and Sewer Line and Related Structures Construction
237310	Highway, Street, and Bridge Construction
237990	Other Heavy and Civil Engineering Construction
238910	Site Preparation Contractors
541330	Environmental Engineering Consulting
541490	Other Specialized Design Services
54161	Construction Management
541620	Environmental, Sanitation, and Site Remediation Consulting
541690	Hydrology, Safety, Energy, Geochemical Consulting
541990	All Other Professional, Scientific, and Technical Services
562211	Hazardous Waste Treatment and Disposal
562212	Solid Waste Landfill
562219	Other Non-Hazardous Waste Treatment and Disposal
562910	Environmental Remediation for Soil, Groundwater, Building, and Mine Sites

“Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful.” — Herman Cain

In Accord Engineering, Inc., we are happy because we all enjoy what we are doing.