



Protégé Application

Business Name	Ludwig Engineering Associates, Inc.
Contact	Jim Fry, Vice President
Address	109 E. Third St., San Bernardino, CA 92410
Phone	909-884-8217
Email	jfry@ludwigeng.com
Type of A&E Services	Civil Engineering, Land/Construction Survey

List Professional References:

Name / Organization	Telephone	Email
Kathleen Robles, San Bernardino RDA	909-663-1044	krobles@sbrda.org
Chad Merrill, IVDA	909-382-4100	emerrill@sbdairport.com
Juan Raya, City of Indio	760-391-4017	jraya@indio.org

1. Please list three specific goals that your firm would like to gain from participating in the program.

1. Provide our years of experience to State Agencies.
2. Re-establish our firms standing and contacts with State Agencies.
3. Reconfirm our professionalism in providing complete project documents.

2. Please list three items that your firm brings to the relationship.

1. 48 years of civil/surveying experience for a wide variety of disciplines.
2. Long term employees with wide variety of experience and communication skills.
3. Clean, professional product from feasibility to project completion.

3. Current certifications: (Check all applicable. Show certification number.)

SBE _____
 UDBE _____
 DBE _____
 DVBE _____

4. If not currently certified, are you planning to be SBE certified? Yes No **X**

5. Has your firm worked with any of the following agencies?

- | | |
|--|-----------------|
| a. Caltrans | Yes X No |
| b. Metro / OCTA / RCTC / SANBAG / VCTC | Yes X No |
| c. Local Agencies | Yes X No |
| d. Other Governmental Agencies | Yes X No |

6. How long has your firm been performing A&E services? 48 years

7. What is your average annual revenue for the past three years? \$ less than \$500,000 per year

Please attach a one-page company profile and submit the completed application to:

Department of Transportation
 Division of Program & Project Management
 Office of Consultant Services, MS-2
 Attn: Jay Shah (Jay_Shah@dot.ca.gov)
 100 S. Main Street
 Los Angeles, CA 90012

mod 2/9/12 Added 2/10/12

Ludwig Engineering Associates, Inc.

Business Overview

Ludwig Engineering was founded in 1964 by Glen L. Ludwig, a Professional Engineer with over 45 years of civil engineering experience and the President of Ludwig Engineering. He manages Ludwig Engineering on a daily basis along with Ludwig Engineering Vice President Jim Fry, a Professional Engineer and Land Surveyor. Our office is located in downtown San Bernardino within walking distance of the Caltrans building. Over the years we have had the pleasure of working on a great many public works projects throughout Southern California, particularly in and for the Counties of San Bernardino and Riverside and many of the cities in those counties.

We are a multi-discipline civil engineering firm and have provided comprehensive engineering, surveying and land planning services for hundreds of projects for both public and private clients. Ludwig has the practical knowledge and technical expertise to develop civil engineering solutions that meet the needs, challenges and objectives of our clients' projects. We are large enough to perform any size project in a timely manner and within budget, but small enough to provide personalized service to each and every client and project.

Part of the success of our firm is we have a very low employee turnover; our typical employee has worked for the firm for more than 15 years and some have been with us for 30 years. Thus, our team has developed a cohesiveness that complements our knowledge and technical expertise to our clients' benefit. Currently, Ludwig Engineering has 25 employees with three survey crews. Ludwig Engineering's professional team can provide the practical knowledge and technical expertise necessary in the successful completion of civil engineering projects.

Our survey crews use Trimble 5600 Robotic Total Station survey instruments and Trimble 5700 receivers and hand-held survey controllers for GPS surveying utilizing CALVRS which allows our survey crews to survey with centimeter accuracy "on the fly" in "real time" without the use of base radios which saves considerable set up time, approximately two hours per day. All field information is electronically transferred to the office computer network.

Professional Services Offered

Design Surveys
Boundary Surveying
Construction Staking
Control Surveying
A.L.T.A Surveys
Land Surveys
GPS
Easements and Legal Descriptions
Aerial Mapping
Right of Way Engineering
Feasibility Studies & Reports

Land Planning and Application Processing
Subdivision & Planned Community Projects
Street & Highway Projects
Water & Sewer Projects
Drainage, Storm Drain, Aqueduct Projects
Construction Management
Mobile Home Subdivision & Park Projects
Site Engineering
Railroad Intermodal Projects
Regional Landfill Projects
Assessment Engineering