

April 6, 2020

**PROPOSAL FOR:  
PROFESSIONAL ENGINEERING  
SERVICES FOR 2ND STREET  
IMPROVEMENT PROJECT  
RFP NO. PW 2020-003**



Jeff Hart  
Director of Public Works  
Public Works Department  
City of Beaumont  
550 E. 6th Street  
Beaumont, CA 92223





- CIVIL / STRUCTURAL ENGINEERS
- MUNICIPAL CONSULTANTS
- SURVEYORS / PLANNERS
- WATER RESOURCES
- TRANSPORTATION

April 6, 2020

Jeff Hart  
City of Beaumont  
Public Works Department  
550 E. 6<sup>th</sup> Street  
Beaumont, CA 92223

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**RE: PROPOSAL FOR PROFESSIONAL ENGINEERING SERVICES FOR THE CITY OF  
BEAUMONT'S 2ND STREET IMPROVEMENT PROJECT**

Dear Jeff,

**The Cozad & Fox, Inc. Team** is pleased to provide the following proposal to provide Professional Engineering Services for the 2<sup>nd</sup> Street Improvement Project. It is our understanding the City is interested in extending 2<sup>nd</sup> Street, from the westerly boundary of the Home Depot shopping center to the projected intersection at Pennsylvania Avenue. The improvements include extending 2<sup>nd</sup> Street from its existing end, near the west boundary of First Street Storage, to Pennsylvania Avenue, approximately 1,700 lineal feet. The project also includes widening 2<sup>nd</sup> Street from the existing end of the westerly boundary, near the Home Depot shopping center, extending to the west, approximately 1,150 lineal feet to the westerly boundary of the First Street Storage. The project will also require storm drain, drainage improvements, streetlights and other associated improvements.

In order to effectively administer the project, it will be divided into two phases. Phase I will be a Feasibility Study to identify critical issues in implementing the project. Phase II will consist of Final Engineering to create the Final Design and Bid Documents. The **City of Beaumont** is seeking a highly capable team to provide Phase I and Phase II services. It is understood that Phase II is subject to the discretion of the City and funding. **Cozad & Fox, Inc.** will lead a highly qualified team comprised of **Sladden Engineering** for the Geotechnical Report, **Matthew Fagan Consulting Services** to address the California Environmental Quality Act (CEQA) requirements of the project. As a subconsultant to **Cozad & Fox, Inc.**, **RK Engineering Group, Inc.** will address the Air Quality and Traffic Issues. **Searl Biological Services** will address the Environmental and Jurisdictional Issues and Permits, and **CRM Tech** will prepare the Cultural Resources Assessment.

**The Cozad & Fox team** will provide exceptional service in Phase I, by working closely with the City in determining the Feasibility and developing conceptual plans. The work product from Phase I will seamlessly roll over into Phase II. This will enable **Cozad & Fox, Inc.** to complete the design of the street improvements on time and on schedule.

**Cozad & Fox, Inc.** specializes in street and utility design and know the challenges that arise when working with existing streets and utilities. **Cozad & Fox, Inc.** has developed professional relationships with many of the local and regional agencies like Riverside Economic Development Agency and Riverside County Transportation Department.

With current economic conditions, we know the City has a limited amount of funding for the project. We understand the necessity to extend 2<sup>nd</sup> Street intersection and we will strive to design and provide customer service support that will surpass your expectations. Because of the City's interest in extending 2<sup>nd</sup> Street, we intend to jump right in after City approval and provide you with a Feasibility Study and preliminary design for extending 2<sup>nd</sup> Street. This will expedite the City's review of the concept and they can begin considering the design that best meets the needs of the City.

**We also expect to provide you with a preliminary construction cost estimate so the City will know what each component of the project will cost right up front.** In this way you will be able to make informed choices.

Finally, **Cozad & Fox, Inc. pays close attention to detail** and will provide you with esthetically pleasing and cost-effective street improvement project. We will provide you excellent results to meet your budget and scheduling requirements because:

- **We have extensive experience with street improvement projects.**
- **We know how to work with agencies and contractors** to avoid scheduling and construction problems.
- **Our team has extensive experience with obtaining environmental permits with multiple agency requirements** and can effectively coordinate and incorporate all elements of the project.
- **We have a track record of doing just these same types of community improvement projects for other nearby cities.**
- As we design, **we will value engineer each component of the project** and make suggestions to the City for cost effective alternatives.
- The combination of our in-house constructability review, experience in design and construction of street improvements, and construction administration, **will give the City the ability to weigh options and alternatives. This will provide the City of Beaumont with excellent quality control and effective results.**

We have a good track record and we are more than willing to bring our team in to discuss how we can successfully help the City implement this project.

Thank you,



Brian Fox, P.E., P.L.S.  
President / Principal



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## INTRODUCTION / INFORMATION

### STATEMENT OF UNDERSTANDING

It is our understanding that the City is interested in extending 2<sup>nd</sup> Street, from the westerly boundary of the Home Depot shopping center to the projected intersection at Pennsylvania Avenue. The improvements include extending 2<sup>nd</sup> Street from its existing end near the west boundary of First Street Storage, to Pennsylvania Avenue, approximately 1,700 feet. The project also includes widening 2<sup>nd</sup> Street from the existing end, to the westerly boundary of the Home Depot shopping center, approximately 1,150 feet storm. The project will also require storm drain and drainage improvements, and associated improvements.

In order to effectively administer the project, it will be divided into two phases. Phase I will be a Feasibility Study to identify critical issues in implementing the project. Phase II will consist of Final Engineering to create the Final Design and Bid Documents. After Phase I is complete, the results will dictate the exact environmental and biological surveys that will be required. **It is anticipated that some of the biological surveys will not be required.**

The **City of Beaumont** is seeking a highly capable team to provide Phase I and Phase II services. It is understood that Phase II is subject to the discretion of the City and funding. **Cozad & Fox, Inc.** will lead a highly qualified team including **Sladden Engineering** for the geotechnical report, **Matthew Fagan Consulting Services** to address the California Environmental Quality Act (CEQA) requirements of the project. As a subconsultant to **Cozad & Fox, Inc.**, **RK Engineering Group, Inc.** will address the air quality and traffic issues, **Searl Biological Services** will address the environmental and jurisdictional issues and permits, and **CRM Tech** will prepare the cultural resources assessment.

Our Engineers have extensive field survey experience, therefore we see the project from the prospective of the office and the field. Our experience in surveying, site design ADA compliance, roadway design and hydrology, hydraulics, culvert and bridge design, sound wall design, retaining wall design and construction administration means our team can assist the City with all aspects of the project.

The team that Cozad & Fox, Inc. will provide to the City for this project will include Brian Fox, P.E., P.L.S., Principal/Lead Project Manager and Myron Fikse, P.E., as Project Manager.



## APPROACH

### APPROACH TO DELIVERING SERVICES

Upon award of the project, the team of **Cozad & Fox, Inc.** will initially meet with the City's Project Manager and staff to discuss design options, environmental issues and improvements. Our initial focus will be to investigate existing drainage courses. Our subconsultant, **Searl Biological Services** will also focus on the Habitat Assessment to determine the necessary biological surveys. Our team will also focus early in the project on utility conflicts and status of existing Right-of-Way, this will affect the civil plans related to drainage, particularly with diverting drainage to the , this may change the direction of the project.

Brian Fox, R.C.E., P.L.S. , will be the Principal in Charge and will maintain close communication between our Project Manager, Myron Fiske, P.E. and the City's Project Manager. Our team will provide weekly updates to the City's Project Manager and presentations to the City as requested. We will actively engage in Phase I and review with the City at 30%, 60% and 90% stages of the preliminary plan and Feasibility Study development process.

Once Phase I is completed and the City has approved the Preliminary Plan and issue a notice to proceed to Phase II, our team will begin Final Design. Our subconsultant , **Searl Biological Services** will perform the biological survey and **Matthew Fagan Consulting Services, Inc.** will begin the CEQA approval process. **Cozad & Fox, Inc.** will begin preparing Final Improvement Plans for Streets, Signing and Striping, Storm Drain and Specifications. Technical Specifications will be submitted for City review at 60%, 95% and 100% progress levels. It is our understanding the City staff will be preparing the General Specifications. **Cozad & Fox, Inc.** will prepare a Drainage Study for the design of the street capacity, storm drain system and culvert crossings. At the 95% to 100% progress level, the Final Cost Estimate will be completed.

**Cozad & Fox, Inc.** believes that strong, proactive project management is key to successful project delivery. We have assembled our team to provide the responsiveness and high-quality services that is expected by all of our clients. This is accomplished by placing a dedicated and experienced project manager in charge of the team and placing everyone on the correct path to achieve project goals. Brian Fox possesses strong communication skills that helps delivering the unique goals described in our understanding discussion and requirements of the project, as well as, the procedures and policies of the **City of Beaumont** and other stakeholders involved in this project.





## APPROACH

Brian Fox will lead the **Cozad & Fox, Inc.** team and will ensure that we function as a true extension of **City of Beaumont** staff. Brian has extensive experience delivering wastewater projects with a holistic approach throughout Southern California. He has earned a reputation with our clients for being highly responsive, reliable, anticipate client's needs and consistently providing exceptional service.

The **City of Beaumont** can depend on **Cozad & Fox, Inc.** to keep you informed of progress, decisions needed, and milestones for the duration of each project. Brian will manage our key and supporting internal staff, and subconsultant staff to ensure all tasks in our scope of work are completed while meeting the City's goals, managing risk, maintaining the schedule, and staying on budget.

Our approach will safeguard against duplication of effort or omission of service, and results in successful projects. Some of the keys to our approach to this project are as follows:



**PROJECT COMMUNICATIONS** –To facilitate a coordinated effort, we will approach this project as an opportunity to develop a partnership between the **City of Beaumont** and **Cozad & Fox, Inc.** Our team will develop the Feasibility Study and Plans in collaboration with your staff. Once approved, we will distribute the plan to the City, the design team, and any key stakeholders as needed for implementation. It is essential that our team completely engages all stakeholders during the project duration as discussed throughout our project approach and understanding. In the past, **Cozad & Fox, Inc.** has teamed and worked along-side key members and decision makers from Riverside County, Riverside County Flood Control, Beaumont Cherry Valley Water District to name a few. Staff comments and suggestions will be communicated at the appropriate staff level to foster efficiency and teamwork. This will result in meeting project objectives and ensuring all information is clearly communicated between team members.

**MONITORING PROJECT COSTS** – Street Improvement Projects can be expensive, especially without close supervision. For this project, **Cozad & Fox, Inc.** will identify improvements needed and comply with the **City of Beaumont**, standards while minimizing public inconvenience. Brian and each of our key staff will monitor project costs while continuously seeking cost reductions through value engineering during project development.

**LEADERSHIP** – **Cozad & Fox, Inc.** will focus on coordinating with the City and other key agencies involved; maintaining schedules, tracking budgets, and concentrate on making continuous progress on all project fronts. Our key team members will oversee the design, right-of-way and environmental work and collaborate closely with your staff. The City can expect responsiveness, accountability and quality deliverables for the duration of the project.

**KEY STAFF AVAILABILITY AND FACILITIES RESOURCES** – **Cozad & Fox, Inc.** are committed to providing the **City of Beaumont** with a team of exceptional key staff, supporting staff and subconsultants who will be available and responsive to the City's needs for the duration of the project. We have assembled a highly experienced group of individuals dedicated to successfully delivering your project on time and within budget.

**PROJECT SCHEDULE** – Upon award, **Cozad & Fox, Inc.** will develop a comprehensive design schedule which identifies all critical tasks, and will effectively use it to ensure tracking critical path items. This focus on project schedule will ensure that our team will meet the goals of the project and consistently provide quality deliverables you expect. A detailed schedule and discussion highlighting the deliverables and dates are included with the schedule exhibit following our scope of services.



## FIRM PROFILE / LOCATION

### OUR FIRM

**Cozad & Fox, Inc.** is a high performing, award-winning Professional Services firm providing Civil/Structural Engineering and Land Surveying Services to cities and municipalities throughout Southern California. We have a proven history of proactive design, project management and delivering high-quality projects. Our solutions have benefitted all types of transportation improvement projects including highways, bridges and pedestrian facilities.

Our team is ideally suited to provide top-tier engineering solutions to **the City of Beaumont**. Our staff and subconsultants bring unique and unmatched experience in providing the services outlined in **the City's** RFP from experiences with other cities, counties and municipalities. Our quality control is unparalleled as we are not a network of small regional offices. We have one, local office that gives our local clients access to our entire staff and specialties.

We have earned a reputation for providing our clients with unmatched, high-quality deliverables on every project. Our extensive portfolio is built on complex projects with accelerated schedules.

**Cozad & Fox, Inc.** is located in Hemet and provides Professional Engineering, Land Surveying and Construction Administration Services for street improvements, pipelines, tanks, park sites, library sites, , street repaving projects, roadway widening projects, right-of-way dedication, easement acquisition, water and sewer pipelines, water storage tanks, environmental review and permit processing and other specialty services.

**Cozad & Fox, Inc.** has been in business since 1977, providing quality service and expertise for over 43 years. Our Civil Engineers and Surveyors have over 95 years combined experience and are always directly involved with performing, reviewing, and quality assurance checking your projects.

### ENGINEERING DESIGN EXPERTISE

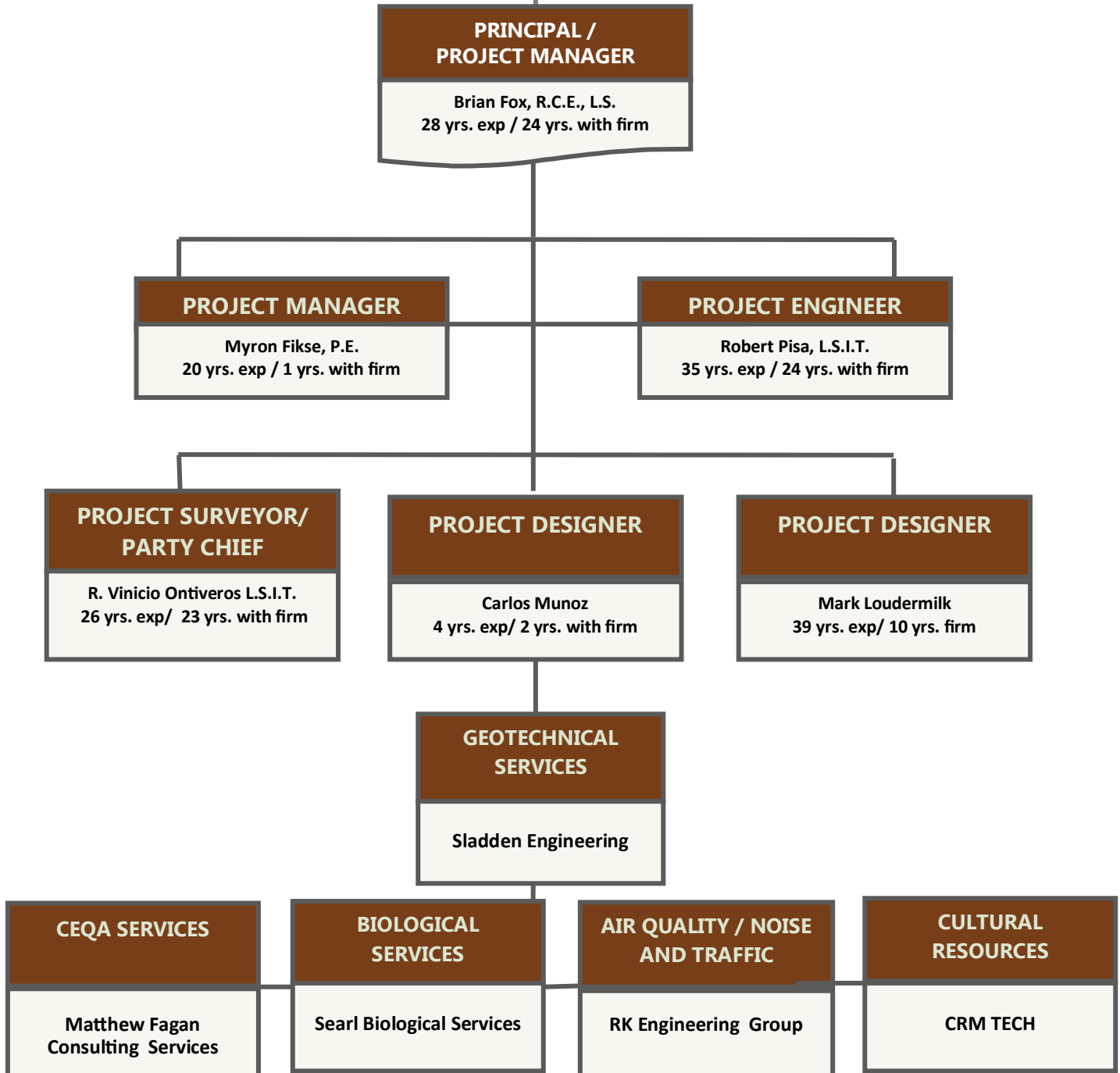
**Cozad & Fox, Inc.** has been trusted by local and state agencies throughout the region. We have delivered hundreds of similar projects in our 43 years of experience in the industry. Our design team has extensive knowledge of **City of Beaumont**, County of Riverside, MUTCD, RCFCWCD, design standards as well as excellent working knowledge of transportation structures and alternative transportation facilities. We are currently providing design services to agencies such as **County of Riverside, County of Riverside Economic Development Agency, Beaumont Cherry Valley Water District, City of Banning**, , and **Eastern Municipal Water District**.

### COZAD & FOX, INC. AT A GLANCE

- ◆ Founded in 1977
- ◆ Office Location: 151 S. Girard Street, Hemet, California 92544
- ◆ California Corporation
- ◆ 43 Years in business
- ◆ Exemplary Services Provided to:
  - Riverside County Economic Development Agency
  - Riverside County Transportation Department
  - Riverside County Flood Control and Water Conservation District
  - Eastern Municipal Water District
  - Beaumont Cherry Valley Water District
  - Lake Hemet Municipal Water District
  - Vista Irrigation District
  - City of Banning
  - City of Hemet
  - City of Menifee



**ORGANIZATION, KEY PERSONNEL AND RESUMES**





## RESUMES OF KEY PERSONNEL



### **BRIAN FOX, PE, PLS**

Brian Fox has over 28 years of experience, he joined the firm of **Cozad & Fox, Inc.** in September of 1990. Mr. Fox has also worked for Metropolitan Water District where he performed GPS surveys at the Eastside Reservoir Project. While with MWD, Mr. Fox also performed construction surveys for pipelines, treatment facilities and pumping plants.

Mr. Fox’s educational background includes a Bachelor of Science degree in Civil Engineering with Survey Option from California State Polytechnic University, Pomona, where he graduated Cum-Laude. He has also received a Master of Engineering degree from California State Polytechnic University, Pomona. In addition, he has completed extensive civil engineering course work at California State University, Long Beach.

As Project Engineer and Project Manager, Mr. Fox has been the team leader for both public and private sector civil engineering projects. Mr. Fox’s experience includes subdivision map checking, legals and plats, GPS, topographic, and construction surveys; design of grading, drainage, and storm drain facilities; street and highway improvements; water and sewer improvements; storm channels; and hydrology and hydraulic studies. His particular interest in GPS and computers has led to an extreme proficiency with current engineering and drafting methods.

Mr. Fox is a member of Chi-Epsilon, the Civil Engineering Honor Society; Tau Beta Pi; Phi Kappa Phi, the top 5 percent honor society; and Golden Key National Honor Society.

**ROLE**

Principal

**EDUCATION**

Civil Engineering-Survey Option  
 California State Polytechnic University, Pomona, 1995  
 Masters – Structural Engineering  
 California State Polytechnic University Pomona, 2001

**REGISTRATIONS**

Registered Civil Engineer  
 No. 57264,  
 California  
 Professional Land Surveyor  
 No. 7171,  
 California  
 QSD/QSP 2016-2017  
 Certificate No. 00967

**YEARS OF EXPERIENCE**

28

**AFFILIATIONS**

California Land Surveyors Association  
 Chi Epsilon  
 Tau Beta Pi  
 Phi Kappa Phi  
 Golden Key National Honor Society

**AVAILABILITY**

20 percent



**MYRON FIKSE, PE**

Myron Fikse is a Professional Civil Engineer and brings 20 years experience to **Cozad & Fox, Inc.** Mr. Fikse has designed and prepared water, sewer and power generation projects for several municipalities including Lake Hemet Municipal Water District and Eastern Municipal Water District. He has also used his skills to design several water pipeline projects internationally in Dubai, Bahrain and the Kingdom of Saudi Arabia. Mr. Fikse also served as Senior Engineer at the City of Menifee and oversaw the land development program.

Mr. Fikse’s experience includes both design, construction and operation of complex water and wastewater systems including pipelines, pump stations, treatment facilities and power generation installations. He also has experience in the Oil and Gas Industry, Offshore and onshore platforms as well as military installations. His educational background consists of a Bachelor of Science in Civil Engineering from the University of Nevada, Las Vegas. He recently spent several years at Eastern Municipal Water District providing engineering services to their Operations and Maintenance divisions for their pipelines, booster stations, treatment plants and power generation facilities.

Some high-profile noteworthy projects that Mr. Fikse has been influential on are:

- ◆ CityCenter Las Vegas, Tutor Perini, MEP Coordinator, 2010
- ◆ King Abdullah’s University of Science and Technology, Independent Contractor, Civil Engineer, 2016-2019
- ◆ EMWDs 23 MGD expansion in Temecula, California, Civil Engineer, 2018
- ◆ EMWD 5MW Solar Installation, Multi-city, Civil Engineer, 2016-2017

As a Project Manager, Mr. Fikse brings all the experience and knowledge he has gathered from his work both in the United States and around the globe.

**ROLE**

Project Manager

**EDUCATION**

Bachelor of Science –  
 Civil Engineering  
 University of Nevada, Las Vegas.

**REGISTRATIONS**

Registered Civil Engineer  
 No. 85840, California

**YEARS OF EXPERIENCE**

20

**TRAINING**

AutoCAD  
 Micro Station  
 WaterCAD  
 ArcGIS  
 HEC-RAS

**AVAILABILITY**

40 percent



**ROBERT PISA, LSIT**

Robert Pisa has over 36 years of experience; he joined the firm of **Cozad & Fox, Inc.** in 1995 after two years with J. N. Beeler and Associates of Riverside. His initial training in the engineering field began in 1980 while enlisted in the United States Air Force and included being selected to attend the military’s Advanced Engineering Design School. After leaving the Air Force, Mr. Pisa worked on the Space Shuttle Program for Lockheed Space Operations Company at Vandenberg Air Force Base as a Designer for Facilities Support. In 1986, Mr. Pisa went to work for M. K. Welch Surveys of Santa Maria, California, developing his experience with state-of-the-art computerized surveying and engineering practices. Mr. Pisa relocated to the Inland Empire in 1991.

**ROLE**

Project Engineer

**EDUCATION**

A.S. – Animal Husbandry, State University of New York at Morrisville  
 Advanced Engineering Design School – U.S.A.F.  
 Bachelor of Arts – Liberal Studies California State University, San Bernardino

**YEARS OF EXPERIENCE – 36**

**REGISTRATIONS**

Land Surveyor-In-Training  
 No. 4493, California

**AVAILABILITY – 60 percent**

Mr. Pisa has served as Project Engineer for public and private sector civil engineering projects. His experience includes designing, grading and drainage plans, design of storm drainage facilities, street improvement plans, water and sewer plans, topographic surveys, construction surveys, and survey maps required by the Subdivision Map Act.



**R. VINICIO ONTIVEROS, LSIT, BSCE**

Mr. Vinicio Ontiveros has over 23 years’ experience, he began his career in civil engineering and land surveying in 1991 and has since performed civil engineering design and land surveying in Riverside, Orange, and Los Angeles counties. In 1993, Mr. Ontiveros returned to University of Mexico to complete his Civil Engineering degree. Mr. Ontiveros received a Bachelor of Science degree in Civil Engineering from University of Mexico in 1995.

**ROLE**

Project Surveyor

**EDUCATION**

Bachelor of Science – Civil Engineering  
 University of Mexico

**REGISTRATIONS**

Land Surveyor-In-Training  
 No. 6344, California

**YEAR OF EXPERIENCE – 23**

**AVAILABILITY – 50 percent**

Mr. Ontiveros’s experience includes topographic and construction surveying, design of grading and drainage plans, street improvement plans, water and sewer plans, and storm drain plans. Mr. Ontiveros is well versed in AutoCAD and MicroStation, and has developed expertise in Civil Engineering software such as Land Development Desktop and Eagle Point.





**MARK LOUDERMILK**

Mark Loudermilk has 35 years’ experience and worked previously with **Cozad & Fox, Inc.** as a Senior Project Designer supervising designers and CADD staff assigned to projects. He has performed the horizontal and vertical design of streets, sewer, water, and rough and precise grading of residential projects. Prepare improvement plans for all aspects of residential projects. Calculate earthwork and construction materials quantities and cost estimates. Recent projects include the horizontal and vertical design of all site and utility improvements for City of Claremont Redevelopment Project. Mark has prepared all improvement plans, calculated earthwork and construction materials quantities and cost estimates for the redevelopment project. Represented the civil engineer in meetings with City/Developer, architect, and utility purveyors. Design and prepare improvement plans for expansion of 29 Palms Airport including new runway, taxiways, and airside improvements.

**ROLE**  
 Senior Project Designer

**EDUCATION**  
 Associate of Science Degree  
 2009 - 2010  
 ITT Technical Institute, San Bernardino,  
 Associate of Science Degree in  
 Computer Network Systems  
 Management  
 4.0 GPA, Class Valedictorian,  
 National Honor Society

**YEARS OF EXPERIENCE – 35**

**AVAILABILITY – 50 percent**



**CARLOS MUNOZ**

Carlos Munoz has over 4 years’ experience of Engineering Drafting/ Designer experience and joined the firm at **Cozad & Fox, Inc.** in 2018. His experience includes various Civil Engineering projects such as street improvement plans, water pipelines, sewer pipelines, grading/drainage plans and design of storm drainage facilities. Mr. Munoz is highly proficient in utilizing design software such as Civil 3D and MicroStation. He also has experience preparing “As-Built” plans for municipal agencies. His GIS experience includes creating spatial tabular datasets in ArcGIS and preparing maps for municipal agencies.

Carlos has also completed numerous Engineering and Land Surveying courses at Mt. San Jacinto College and is planning to transfer to Cal Poly Pomona.

**ROLE**  
 Engineering Technician

**EDUCATION**  
 MSJC – Currently Attending  
 Completed Engineering and  
 Land Surveying Courses.

**YEARS OF EXPERIENCE – 4**

**AVAILABILITY – 60 percent**

## SUBCONSULTANT RESUMES

### Sladden Engineering, Inc.



#### *Geotechnical Engineering*

**Sladden Engineering, Inc.** has provided comprehensive geotechnical engineering services for a wide spectrum of civil engineering projects. **Sladden Engineering** assists governmental agencies, developers, construction managers, and other design professionals from the preliminary design phases of a development through construction. Our complete scope of services provides our clients with consistency and continuity throughout the development and construction process.

*Sladden Engineering, Inc. is a trusted partner for Cozad & Fox, Inc. We have worked together with Sladden Engineering, Inc. on countless projects throughout Southern California including: City of Banning, Beaumont Cherry*

### Matthew Fagan Consulting Services, Inc.

#### *CEQA and Environmental Services*

**Matthew Fagan Consulting Services, Inc.** provides Cities with the support and services in preparing environmental documentation that will determine whether the impacts of the proposed project will require the adoption of a Negative Declaration or Certification of an Environmental Impact Report. This proposal outlines the work effort

*Matthew Fagan Consulting Services, Inc. has provided Cozad & Fox, Inc. excellent Environment Services on numerous projects throughout Southern California. Their knowledge of CEQA and other environmental issues makes them a valuable asset to any design team. Cozad & Fox, Inc. has teamed with Matthew Fagan Consulting on*

### Searl Biological Services



#### *Biological Services*

**Searl Biological Services, Inc.** provides comprehensive environmental compliance surveys and analyses. The company has experience conducting such analyses in Los Angeles, Riverside, San Bernardino, and San Diego Counties. In Riverside County, **Searl Biological Services, Inc.** specializes in Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP).

*Searl Biological Services, Inc. has provided Cozad & Fox, Inc. excellent Biological Services on numerous projects throughout Southern California. Their knowledge of MSHCP and other biological issues makes them a valuable asset to any design team. Cozad & Fox, Inc. has teamed with Searl Biological Services on projects for Beaumont Cherry Valley Water District, the City of Banning as well as other municipalities and government agencies.*



## SUBCONSULTANT RESUMES

### RK Engineering Group, Inc.



#### *Air Quality / Greenhouse Gas / Energy and Noise Studies*

**RK Engineering Group, Inc.** is dedicated in providing consulting services for Transportation Planning, Traffic Engineering and Environmental Engineering (including both Acoustical Engineering and Air Quality impact studies) throughout Southern California. Over the past 40 years, **RK Engineering Group, Inc.** has completed numerous projects for both public municipalities and private clientele in the following counties: Orange County, Riverside County, Los Angeles County, San Bernardino County, San Diego County and Ventura County.

### CRM TECH



#### *Cultural Resources Assessment and Paleontological Resources*

**CRM TECH** is a full-service cultural resources management consulting firm that has been providing services to a wide variety of public agencies, environmental firms, private developers and individuals since 1993. **CRM Tech** has

## PROJECT EXPERIENCE

### Stetson Bridge

#### City of Hemet

The Stetson Avenue bridge crossing the Hemet Storm Channel, adjacent to the railroad tracks was in poor condition and presents a traffic safety hazard to the City of Hemet. The bridge was constructed by the County of Riverside in 1940 and included concrete abutments, heavy wood stringers and wood decking covered by asphalt. The original bridge was constructed at a time when the area was rural and there was very little traffic along this stretch of Stetson Avenue. Today, Stetson Avenue is heavily traveled by commuters and trucks.

The project included removing the existing bridge over the flood control channel and constructing a new bridge that will be able to serve City of Hemet and it's growing commercial industry.

**Cozad & Fox, Inc.** partnered with the City of Hemet and CalTrans to provide Preliminary Design as well as Project Management and Contract Administration for the project during construction. **Cozad & Fox, Inc.** served as Resident Engineer for the project as well as coordinating all inspections and preparation of record drawings.

Project was completed in 2019



### RELATIVE EXPERIENCE

#### CLIENT CONTACT/ REFERENCE

Robert Vestal, PE (Currently with City of Beaumont)  
 Engineering

City of Hemet  
 (951) 765-2300

#### **Cozad & Fox, Inc.**

#### Key Personnel

Brian Fox, P.E., L.S.  
 Bob Pisa, L.S.I.T.

#### KEY SERVICES PROVIDED

- Preliminary Design
- Project Management
- Contract Administration
- Inspection Services



## PROJECT EXPERIENCE

### Ramsey and Hargrave Street Improvements

#### City of Banning

Ramsey Street and Hargrave street are heavily traveled streets in the City of Banning. The City initiated a project to rehabilitate and resurface Ramsey and Hargrave. **Cozad & Fox, Inc.** partnered with The City of Banning to provide Preliminary and Final design services as well as survey services utilizing our in-house survey department. Cozad & Fox, Inc. also performed all construction services.

The project included widening the intersection of Hargrave and Ramsey to accommodate additional travel lanes as well as coordinating with utilities to relocate storm drain facilities owned by Riverside County Flood Control and distribution waterlines operated by the City of Banning.

Design and construction of the roadway required dedication of Right-of Way to the City of Banning. **Cozad & Fox, Inc.** provided Right-of-Way services to the city which allowed the City of Banning to streamline the acquisition.

One of the unique aspects of this project was the alternative alignments to avoid certain utilities. **Cozad & Fox, Inc.** developed several exhibits and cost estimates to help the City determine the most feasible alignment.

Project is currently under construction



### RELATIVE EXPERIENCE

#### CLIENT CONTACT/ REFERENCE

Art Vela, P.E.  
 Director of Public Works/  
 City Engineer

City of Banning  
 (951) 922-3130

#### Cozad & Fox, Inc. Key Personnel

Brian Fox, P.E., L.S.  
 Robert Vestal, P.E., L.S.I.T.  
 Bob Pisa, L.S.I.T.  
 R. Vinicio Ontiveros, L.S.I.T.

#### KEY SERVICES PROVIDED

- Preliminary Design
- Final Design
- Project Management
- Surveying
- Construction Services

## PROJECT EXPERIENCE

### Rubidoux Boulevard Street Improvement Project

Riverside County Economic Development Agency

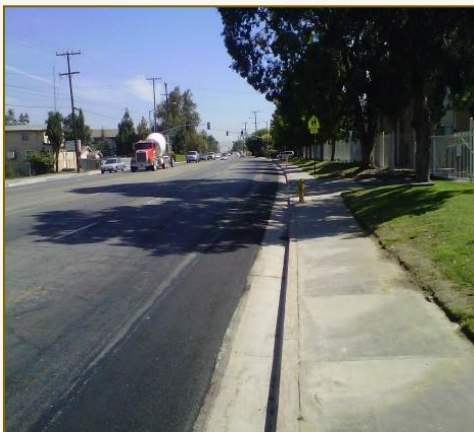


Pedestrian travel is heavy along Rubidoux Boulevard between Mission Boulevard and the 60 Freeway, particularly for children at Arbuckle Elementary School. Sections of street curb and sidewalks are deteriorating. Other sections have no sidewalks for pedestrian traffic. The Riverside County Economic Development Agency’s (EDA) Rubidoux Boulevard Project is to construct new infill sidewalks, street curbs, driveways, streetlights, street repair, slurry seal of existing pavement and add new street striping to provide safe student

travel and to meet the Americans with Disabilities Act (ADA) requirements for accessible routes.

EDA selected **Cozad & Fox, Inc.** to provide **construction administration** services for the Street Improvement Project. **Cozad & Fox, Inc.** administered the construction contract and orchestrated weekly on-site meetings, provided on-site observation and continuous inspection of work, responded to RFI’s, processed change orders, processed shop drawings, reviewed submittals, provided construction surveying, directed the geotechnical testing and inspection, reviewed and authorized invoicing and determined the acceptability of the work. **Key aspects of our services include making sure the contractor stays on schedule and is coordinating with the utility consultant, not significantly disrupting traffic and working with the local community to provide access.**

**Cozad & Fox, Inc.** was well prepared to tackle the challenges on this project and still watch out for EDA’s interest. Our survey crews were also available to provide construction survey staking and check design grades to make sure driveways work and the pedestrian path of travel is in compliance with ADA. Because coordination with the local utility agencies is also so vital for this type of project, **Cozad & Fox, Inc. performed a constructability review of the plans prior to construction, worked closely with Strategic Connections, Inc. to synchronize construction with SCE, coordinated field adjustments of water meters and other services and closely monitored the contractor to make sure there were no delays or cost overruns associated with the utility agencies**



### RELATIVE EXPERIENCE

#### CLIENT CONTACT/REFERENCE

Richard Medina  
 Project Manager

Riverside County Economic Development Agency  
 (951) 955-9627

#### Cozad & Fox, Inc.

#### Key Personnel

Brian Fox, P.E., L.S.  
 Bob Pisa, L.S.I.T.

#### KEY SERVICES PROVIDED

- Construction Administration
- Project Management
- QA/QC



**REFERENCES**

<p><b>CITY OF BANNING</b>                  CIVIL ENGINEERING AND SURVEYING SERVICES                  Ramsey Street Widening Project</p>	<p><b>Art Vela, PE</b>  <b>Director of Public Works</b>                  (951) 922-3130</p>
<p><b>CITY OF HEMET</b>                  CIVIL ENGINEERING AND SURVEYING SERVICES                  Stetson Avenue Bridge crossing the Hemet Storm Channel</p>	<p><b>Robert L. Vestal, PE (Currently with City of Beaumont)</b>  <b>Engineering</b>                  (951) 765-2300</p>
<p><b>THE ECONOMIC DEVELOPMENT AGENCY</b>                  CIVIL ENGINEERING AND CONSTRUCTION SURVEYING SERVICES                  Design of Street Improvement Plans, construction surveying, and construction management for the Limonite Street Improvement Project</p>	<p><b>Charles Waltman, Deputy Director</b>                  (951) 955-4897  <b>Susana Orozco, Project Manager – 2nd Division</b>                  (951) 955-9627</p>
<p><b>THE ECONOMIC DEVELOPMENT AGENCY</b>                  CIVIL ENGINEERING AND SURVEYING SERVICES                  Design of on-site improvement plans for the Riverside County Transportation Department’s Pedley Yard.</p>	<p><b>Bob Lucas, Senior Project Manager</b>                  (951) 955-9732</p>
<p><b>THE ECONOMIC DEVELOPMENT AGENCY</b>                  CIVIL ENGINEERING AND SURVEYING SERVICES                  Design of on and off-site improvement for the Rubidoux Library</p>	<p><b>Sterlon Sims</b>  <b>Project Manager</b>                  (951) 955-9056</p>
<p><b>BEAUMONT-CHERRY VALLEY WATER DISTRICT</b>                  CIVIL ENGINEERING AND SURVEYING SERVICES                  Provide Pipeline and Tank Design Services for Nobel Tank and Pipeline</p>	<p><b>Dan Jagers, PE</b>  <b>General Manager</b>                  (951) 845-9581</p>
<p><b>EASTERN MUNICIPAL WATER DISTRICT</b>                  ON-CALL ENGINEERING AND SURVEYING SERVICES ANNUAL CONTRACTS                  Multiple projects, annual agreements for civil engineering, surveying, and environmental design services for major water and reclaimed water transmission pipelines and major gravity sewers</p>	<p><b>John Wuerth,</b>  <b>Project Engineer</b>                  (951) 928-3777</p>
<p><b>LAKE HEMET MUNICIPAL WATER DISTRICT</b>                  CIVIL ENGINEERING AND SURVEYING SERVICES                  Provided surveying, design, and construction surveying services for replacement of waterlines as part of Lake Hemet Municipal Water District’s Leaky Pipe Replacement Project. Provided design and surveying services for construction of raw water irrigation projects and tank inspections.</p>	<p><b>Mike Gow, PE</b>  <b>General Manager</b>                  (951) 658-3241</p>



## SCOPE OF SERVICES

### PROJECT UNDERSTANDING

**Cozad & Fox, Inc.** understands that the **City of Beaumont** is interested in extending 2nd Street, from the westerly boundary of the Home Depot shopping center to the projected intersection at Pennsylvania Avenue. This improvement includes the design of a new road extension from the Home Depot Shopping Center to Pennsylvania Avenue. Currently both vehicular and pedestrian traffic travels on 1st street to Commerce Way. This improvement would provide a safe and easy access to the commercial development for both pedestrians and vehicles from the west.

It is our understanding the project will be divided into two phases. Phase I will be a Feasibility Study and Phase II will be Final Engineering. Therefore, the City is seeking a team of consultants to provide Phase I and Phase II services that are subject to the discretion of the City and funding. **Cozad & Fox, Inc.** intends to team with **Sladden Engineering** for the geotechnical report, **Mathew Fagan Consulting Services** to address the California Environmental Quality Act (CEQA) requirements of the project. As a subconsultant to **Cozad & Fox, Inc.**, **RK Engineering Group, Inc.** will address the air quality and traffic issues, **Searl Biological Services** will address the environmental and jurisdictional issues and permits, and **CRM Tech** will prepare the cultural resources assessment.

**Cozad & Fox, Inc.** will design a road extension from the Home Depot Shopping center to Pennsylvania Avenue. Working with Flood Control and Water Conservation District, **Cozad & Fox, Inc.** will design a road section over the existing Culvert and design new culverts for the water crossings on the west side of the project. **Cozad & Fox, Inc.** will insure that the culverts will convey the proper water flow to the satisfaction of the **City of Beaumont** and Riverside County Flood Control and Water Conservation District. **Cozad & Fox, Inc.** will provide a design for a roadway that is functional and is compliant with the approved cross section.

**Cozad & Fox, Inc.** will coordinate the utility conflicts with local utility companies in a manner that creates a roadway and meets the design criteria of the City. Storm Drain Lines operated by the Riverside County Flood Control District and the City of Beaumont will be constructed to the satisfaction of the respective entities.

**Cozad & Fox, Inc.** will utilize **Mathew Fagan Consulting Services, Inc.** to prepare the CEQA documentation for this project. **Mathew Fagan Consulting Services, Inc.** will commence the preparation of the Initial Study (IS) following the kickoff meeting with the Client, Project Team, and County. **Mathew Fagan Consulting Services, Inc.** will prepare an analysis of the project under CEQA to ensure all potential affects have been analyzed and disclosed. **Mathew Fagan Consulting Services, Inc.** approach to providing this analysis is to provide a quantitative and qualitative evaluation that clearly defines the project's actions and the potential impacts it could have on the project site and surrounding environment.

**Cozad & Fox, Inc.** will design effective signage and striping for the project as well as phasing and any detouring plans needed during the construction of the project to minimize the effect to the Beaumont driver or pedestrian.

**Cozad & Fox, Inc.** will utilize **RK Engineering Group, Inc.** for the roadway extension that will require an **Air Quality/Greenhouse Gas/Noise Study**. **Cozad & Fox, Inc.** will utilize **Searl Biological Services** for all **Biological Resource Studies**, the study will consist of the MSHCP requirements as well as a Jurisdictional Delineation by the USACE, CDFW and the RWQCB. **Cozad & Fox, Inc.** will utilize **CRM Tech** for **Cultural Resource Study**. **Cozad & Fox, Inc.** has also identified that a successful roadway extension may require a **CDFW 1600 Stream Alteration Agreement, a RWQCB 401 Clean Water Agreement, and an USACE 404 Permit**. **Searl Biological Services** will prepare the Regulatory Agency Permits for the project.





## SCOPE OF SERVICES

### PHASE I – FEASIBILITY STUDY

### DELIVERABLES

#### TASK 1 – PROJECT MANAGEMENT

##### 1.1 – Project Management

Cozad & Fox, Inc will plan, organize, direct and monitor project work activities and resources based on the schedule and budget. This includes general project management (Including monthly status reports and invoices) as well as responding to the project management needs of the City of Beaumont

- ◆ Monthly Progress Reports and Invoices

##### 1.2 – Meetings

Cozad & Fox, Inc will lead the design team meetings for this project and create meeting agendas, meeting minutes, and action items. Cozad & Fox, Inc will also schedule and hold a kick-off meeting for this project. Design team meetings will be monthly and at key project milestones. It is anticipated that after the kick-off meeting, additional meetings will be at 30%, 60%, 90% of the stages the Feasibility Study.

- ◆ Meetings
- ◆ Kick-off Meeting Agenda
- ◆ Meeting Agenda, Minutes, and Action Items

#### TASK 2 – FEASIBILITY STUDY

##### 2.1 – Feasibility Study

Based on input from our entire team, Cozad & Fox, Inc. will prepare a feasibility study for the project identifying reporting requirements, as well as potential conflicts that will need to be addressed in Phase 2. The feasibility study will address potential environmental reporting requirements of CEQA, CFW, WQRCB, as well as any critical MSHCP, Jurisdictional or Cultural reporting requirements. The study will also identify hydrological and hydraulic requirements of the project that will need to be addressed in Final Engineering. Potential utility conflicts and Right-of-Way issues will be identified in the feasibility study to ensure that they are resolved in Final Engineering. Finally, the Feasibility Study will include an itemized cost estimate for budgetary purposes.

- ◆ Feasibility Study
- ◆ Environmental Reporting Requirements
- ◆ Potential Environmental Issues
- ◆ Jurisdictional Requirements
- ◆ Hydrology Requirements
- ◆ Right-of-Way Requirements
- ◆ Potential Utility Conflicts
- ◆ Budgetary Cost Estimate

##### 2.2 – Potential Environmental Issues and Reporting

As a subconsultant to Cozad & Fox, Inc. , Searl Biological Services will team with Cozad & Fox, Inc. to identify potential environmental issues and reporting. It is anticipated that some of the biological services listed in Phase II, may not be required after the Habit Assessment is performed.

- ◆ Identify Potential Environmental Issues
- ◆ Identify Potential Reporting Issues

##### 2.3 – Potential Jurisdictional Requirements and Permits

As a subconsultant to Cozad & Fox, Inc. , Searl Biological Services will assist with Cozad & Fox, Inc. to identify potential Jurisdictional Requirements and Permits.

- ◆ Identify Potential Jurisdictional Requirements
- ◆ Identify Potential Permits



**SCOPE OF SERVICES**

<p><b>2.4 – Potential Hydrological and Hydraulic Issues</b>                  Cozad &amp; Fox, Inc will review available hydrological and hydraulic data for the alignment and discuss hydrological and hydraulic issues in the Feasibility Report.</p>	<ul style="list-style-type: none"> <li>◆ Identify Potential Hydrological and Hydraulic issues in the Feasibility Study</li> </ul>
<p><b>2.5 – Potential Utility Conflicts and Issues</b>                  Cozad &amp; Fox, Inc will perform utility research and plot utilizes on the Preliminary Design Plan. The potential utility conflicts and issues will be discussed in the Feasibility Study.</p>	<ul style="list-style-type: none"> <li>◆ Identify Potential Utility Conflicts and issues in the Feasibility Study</li> </ul>
<p><b>2.6 – Potential Right-of-Way Issues</b>                  Cozad &amp; Fox, Inc will review the alignment and right-of-way records to identify potential right-of-way issues. Potential right-of-way issues will be discussed in the Feasibility Study.</p>	<ul style="list-style-type: none"> <li>◆ Discuss Potential Right-of-Way Issues in the Feasibility Study</li> </ul>
<p><b>2.7 – Itemized Cost Estimate for Anticipated Improvements</b>                  Cozad &amp; Fox, Inc will prepare a preliminary itemized cost estimate for the 2nd Street Improvement Project for inclusions in the Feasibility Study.</p>	<ul style="list-style-type: none"> <li>◆ Preliminary Itemized Cost Estimate for Inclusion in the Feasibility Study</li> </ul>

**TASK 3 – PRELIMINARY DESIGN PLAN**

<p><b>3 – Preliminary Design Plan</b>                  Based upon the topographic map furnished by the City of Beaumont, Cozad &amp; Fox, Inc will prepare a preliminary design plan utilizing the topographical CAD data received from the City of Beaumont. The plan will identify the anticipated improvements as well as identify conflicts between existing conditions and proposed improvements. These conflicts will be identified and also match the identified in the Feasibility Report.</p>	<p><b>Preliminary Design Plan</b></p> <ul style="list-style-type: none"> <li>◆ 24" x 36" Plan</li> <li>◆ Anticipated Improvements</li> <li>◆ Potential Conflicts</li> <li>◆ Corresponds with Feasibility Study</li> </ul>
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**TASK 4 – GEOTECHNICAL REPORT**

<p><b>4 – Geotechnical Report</b>                  Cozad &amp; Fox, Inc will utilize Sladden Engineering to perform geotechnical services. Sladden's scope of services includes the field exploration, laboratory testing, engineering analysis and report preparation as described herein. The services are intended to provide a geotechnical information for use in the design and construction of the 2nd Street Improvements along with recommendations for the construction of the associated site improvements.</p>	<ul style="list-style-type: none"> <li>◆ Geotechnical Study and Report with Recommendations for Construction</li> </ul>
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## SCOPE OF SERVICES

### **PHASE II – FINAL ENGINEERING**

#### **TASK 5 – PROJECT MANAGEMENT**

**5.1 – Project Management**

Cozad & Fox, Inc will plan, organize, direct and monitor project work activities and resources based on the schedule and budget. This includes general project management (Including monthly status reports and invoices) as well as responding to the project management needs of the **City of Beaumont**.

- ◆ **Monthly Progress Reports and Invoices**

**5.2 – Meetings**

Cozad & Fox, Inc will lead the design team meetings for this project and create meeting agendas, meeting minutes, and action items. Cozad & Fox, Inc will also schedule and hold a kick-off meeting for this project. Design team meetings will be monthly and at key project milestones. It is anticipated that meetings will occur at 60%, 95% and 100% progress levels.

- Meetings**
- ◆ Kick-off Meeting Agenda
- ◆ Meeting Agenda, Minutes, and Action Items

#### **TASK 6 – RESEARCH AND REVIEW**

**6.1 – Research and Review**

Cozad & Fox, Inc. will perform additional research for maps, records, reports, survey data, existing plans, utility drawings and other critical data for surveying and design.

- ◆ **Obtain Utility As-built Plans**
- ◆ **Utility base mapping/Utility Maps**

**6.2 – Site Investigation**

It is our understanding that the **City of Beaumont** will provide a topographic map. Cozad & Fox, Inc will conduct a site investigation with its in-house survey crews to field verify existing improvements, tie -in points, adjacent grading, and utilities. Cozad & Fox, Inc has in-house survey capability, which will be beneficial to the City and expediting the project progress. Existing facilities will be horizontally located to 0.1± feet. The updated topographic map will be used as a base sheet for the improvement plans.

- ◆ **Site Investigations (2)**
- ◆ **Updated base maps**

**6.3 – Right of Way Services**

Cozad & Fox, Inc will use our in-house Surveying Division to prepare Right of Way exhibits and coordinate with project stakeholders to determine if any additional Right-of-Way is needed for the project. Cozad & Fox, Inc will also utilize our in-house surveyors to prepare any Plats or Legal Descriptions for the project. For this project we have assumed one legal description and plat will be required. If more than one legal description and plat is required, a separate estimate will be prepared. It is assumed that title reports will be provided by client if needed.

- ◆ **Right of Way Exhibit**
- ◆ **Plats and Legal Descriptions**



## SCOPE OF SERVICES

### TASK 7 – CEQA AND ENVIRONMENTAL

<p><b>7.1 – Biological Resources</b>                  Cozad &amp; Fox, Inc will utilize Searl Biological Services to perform Biological Assessments,, Surveys and Delineations. Searl Biological Services will prepare documents outlining the MSHCP Requirements along with a Jurisdictional Delineation for the USACE, CDFW, and RWQCB permits. <i>The following Biological Tasks and Surveys are required: Least Bell’s Vireo Survey, Site Vist(s), Burrowing Owl Focused Survey, MSHCP Consistency Analysis, Jurisdictional Report, Agency Applications, GIS Mapping, Response to Comments and Mileage. The following Biological Tasks and Surveys may not be required depending on the Field Habitat Assessment and Feasibility Study: Southwestern Willow Flycatcher, Narrow Endemic Plants, DBESP and some Mileage. The fee for Phase II will e adjusted accordingly.</i></p>	<p><b>Biological Resources</b></p> <ul style="list-style-type: none"> <li>◆ MSHCP Requirements</li> <li>◆ Jurisdictional Delineation</li> <li>Regulatory Permit Preparation</li> <li>◆ CDFW – 1602 Streambed Alteration Agreement</li> <li>◆ USACE – 404 Nationwide Permit</li> <li>◆ RWQCB – 401 Clean Water Certification</li> </ul>
<p><b>7.2 – Cultural Resources</b>                  Cozad &amp; Fox, Inc will utilize CRM Tech to prepare documents outlining Cultural Resources of the project. Work will include Records Search, Field Documentation and Report Preparation.</p>	<ul style="list-style-type: none"> <li>◆ Cultural Resources Report</li> </ul>
<p><b>7.3 – Air Quality/Greenhouse Gas/ Energy Analysis and Noise Studies</b>                  Cozad &amp; Fox, Inc will utilize RK Engineering Group, Inc. to prepare documents outlining the projects impact to local and regional air quality and noise emissions both during construction and throughout the operation of the project. These studies will also ensure compliance with local, regional and State regulations.</p>	<ul style="list-style-type: none"> <li>◆ Air Quality / Greenhouse Gas / Noise Report</li> </ul>
<p><b>7.4 – CEQA Documentation Preparation and Submission</b>                  Cozad &amp; Fox, Inc will utilize Matthew Fagan Consulting Services, Inc. to prepare and submit both the Draft and the Final Initial Study for the project. Matthew Fagan Consulting Services, Inc. will prepare an analysis of the project under CEQA to ensure all potential affects have been analyzed and disclosed. Matthew Fagan Consulting Services, Inc. approach to providing this analysis is to provide a quantitative and qualitative evaluation that clearly defines the project’s actions and the potential impacts it could have on the project site and surrounding environment. <i>It is assumed that the City of Beaumont will pay all fees associated with the permit applications and mitigation bank directly.</i></p>	<p><b>CEQA Documentation</b></p> <ul style="list-style-type: none"> <li>◆ Draft and Final Initial Study Screen check (PDF &amp; 2 Hard Copies)</li> <li>◆ Draft and Final Initial Studies</li> <li>◆ Mitigation Monitoring &amp; Reporting Program</li> <li>◆ Notice of Completion</li> <li>◆ Notice of Intent</li> <li>◆ Notice of Determination</li> <li>◆ Comments/Responses matrix</li> </ul>
<p><b>7.5 – Traffic Assessment Letter</b>                  Cozad &amp; Fox, Inc will utilize RK Engineering Group, Inc. to prepare a Traffic Assessment Letter to address the traffic assessment for the proposed project, RK will prepare a qualitative traffic evaluation to qualitatively discuss the potential changes in the traffic operation of the surrounding circulation system. The assessment will qualitatively discuss the project related potential changes in the level of services of the surrounding circulation system as well as the vehicle miles traveled (VMT).</p>	<ul style="list-style-type: none"> <li>◆ Traffic Assessment Letter</li> </ul>





## SCOPE OF SERVICES

### TASK 8 – FINAL ENGINEERING

<p><b>8.1 – Hydrology and Hydraulic Report</b>                  Cozad &amp; Fox, Inc will prepare a Hydrology and Hydraulics report for the project. The report will include all affected drainage facilities that will be impacted by the project.</p>	<p>◆ <b>Hydrology and Hydraulics Report</b></p>
<p><b>8.2 – Water Quality Management Plan</b>                  Cozad &amp; Fox, Inc will prepare a Water Quality Management Plan to be included in the PS&amp;E package. The Water Quality Management Plan may involve creative water treatment I the roadway shoulder.</p>	<p>◆ <b>WQMP</b></p>
<p><b>8.3 – 60 Percent PS&amp;E Package</b>                  Cozad &amp; Fox, Inc. will create and obtain approval for the 60 Percent PS&amp;E package as identified in the RFP. Cozad &amp; Fox, Inc will refine the design included in the 30 percent PS&amp;E Package as well as add Landscape and Irrigation Plans, Signage and Striping Plans and Erosion Control/Storm Water Pollution Prevention Plan. Cozad &amp; Fox, Inc. will also provide Specifications for review and approval by applicable agencies. Cozad &amp; Fox, Inc will incorporate design comments from the City and all other involved agencies.</p>	<p><b>60 Percent PS&amp;E Package</b></p> <ul style="list-style-type: none"> <li>◆ Street Improvement</li> <li>◆ Grading Plans</li> <li>◆ Street Light Plans</li> <li>◆ Utility Relocation</li> <li>◆ Signage and Striping</li> <li>◆ Erosion Control and Storm Water Pollution Prevention Plan</li> </ul>
<p><b>8.4 – 95 Percent PS&amp;E Package</b>                  Cozad &amp; Fox, Inc. will create and obtain approval for the 90 Percent PS&amp;E package as identified in the RFP. Cozad &amp; Fox, Inc. will refine the design included in the 60 percent PS&amp;E Package. Cozad &amp; Fox, Inc. will further develop the Specifications and add Quantities and Schedule.</p>	<p><b>95 Percent PS&amp;E Package</b></p> <ul style="list-style-type: none"> <li>◆ Quantities</li> <li>◆ Project Schedule</li> <li>◆ Final Hydrology, and WQMP Reports</li> </ul>
<p><b>8.5 –100 Percent PS&amp;E Package</b>                  Cozad &amp; Fox, Inc. will create and obtain approval for the 100 Percent PS&amp;E package as identified in the RFP. Cozad &amp; Fox, Inc. will finalize the design included in the 90 percent PS&amp;E Package. Cozad &amp; Fox, Inc. will also provide both hardcopy and digital design packages to the city including wet signed mylars. Cozad &amp; Fox, Inc will incorporate design comments from the City and all other</p>	<p><b>100 Percent PS&amp;E Package</b></p> <ul style="list-style-type: none"> <li>◆ Final Quantity Estimate</li> <li>◆ Final Schedule</li> <li>◆ Hardcopy and Digital design packages</li> </ul>



## QUALITY ASSURANCE /QUALITY CONTROL

### QA/QC APPROACH

**Cozad & Fox, Inc.** firmly believes that Quality Assurance/Quality Control (QA/QC) is a company-wide effort, and our firm's reputation has been built upon the delivery of high-quality services and deliverables to our clients. The production of quality deliverables is founded upon documented procedures, excellent experience and design practices that results in a system of independent checking and reviews that are implemented on all of our projects by our seasoned professionals.

**Cozad & Fox, Inc.** will implement a QA/QC program for the City that is in accordance with our standards of integrity, resulting in quality work and on-time product delivery. Our team will operate under our Total Quality Management system. The Total Quality Management system is a continuous process, used not just at project milestones, but on a daily basis as work flows. Dedication to the QA/QC process is essential to the effectiveness of the program. We recognize that as the design consultant, it is our responsibility to ensure the accuracy and completeness of the plans and other design documents. We are dedicated to our established program of strict quality assurance and quality control.

### INSURANCE / CERTIFICATION

**Cozad & Fox, Inc.** currently possesses Professional Liability insurance coverage in the minimum amount of \$1,000,000.00. **Cozad & Fox, Inc.** also possesses \$2,000,000 general liability insurance, \$1,000,000 automobile insurance and \$1,000,000 of workers compensation insurance.

**CITY OF BEAUMONT**

**ADDENDUM NO. 1**

TO THE BIDDING DOCUMENTS & CONTRACT,

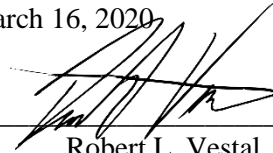
**RFP FOR PROFESSIONAL ENGINEERING SERVICES FOR THE 2<sup>ND</sup> STREET  
IMPROVEMENT PROJECT**

Bidders are advised that the RFP for the above referenced project are hereby amended in the following manner and the following manner only:

1. The City will allow digital copies to be submitted in lieu of hard copies. The due date and time are still in effect. Please note the following items:
  - a. Email proposal to [rvestal@beaumontca.gov](mailto:rvestal@beaumontca.gov)
  - b. Cost proposal shall also be emailed to the above email.
  - c. To reduce file size, the City is requesting that the proposal be converted to a pdf via “print to pdf” or “save as pdf” method and not scanned in its entirety.
  - d. Signatures may be digital or scanned as a single sheet.
  - e. PDFs must be organized per the RFP requirement (same as hard copy)
  - f. The top three qualified proposers may be required to submit a hard copy at a later date.

Dated: March 16, 2020

By:



Robert L. Vestal, Principal Engineer

By:

Cozad & Fox, Inc.

(Bidder's Company Name)

Date Received by Bidder:



(Bidder's Signature)

March 16, 2020

Brian Fox, President

(Type or Print Name)

*Bidder shall include a signed copy of this Addendum No. 1 with the bid proposal.*

**CITY OF BEAUMONT**

**ADDENDUM NO. 2**

TO THE BIDDING DOCUMENTS & CONTRACT,

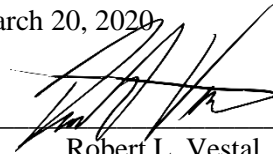
**RFP FOR PROFESSIONAL ENGINEERING SERVICES FOR THE 2<sup>ND</sup> STREET  
IMPROVEMENT PROJECT**

Bidders are advised that the RFP for the above referenced project are hereby amended in the following manner and the following manner only:

1. The due date for the proposal has been postponed to April 6<sup>th</sup> @ 3pm.

Dated: ~~March 20, 2020~~

By:



Robert L. Vestal, Principal Engineer

By:

Cozad & Fox, Inc.

(Bidder's Company Name)

Date Received by Bidder:



(Bidder's Signature)

March 20, 2020

Brian Fox, President

(Type or Print Name)

*Bidder shall include a signed copy of this Addendum No. 2 with the bid proposal.*