April 6, 2022

City Clerk, City of Key West
1300 White Street
Key West, Florida 33040

Subject: Trenchless Installation of Utilities Across Fleming Channel RFQ # 22-003

City of Key West,

Campos EPC, LLC (CEPC) is pleased to provide a proposal to the City of Key West for the Trenchless Installation of Utilities Across Fleming Channel RFQ # 22-003. Our response is in accordance with the submittal requirements and the instructions included in the Request for Qualifications RFQ # 22-003.

CEPC is an established leader in pipeline design and EPC work. CEPC also recognizes the significant coordination and collaboration that will be required for the successful fulfillment of project objectives. For this reason, we propose to provide the City of Key West with the most experienced technical staffing for this project—with management and engineering personnel that hold cumulative decades of experience with major utility companies across the nation. We commit to an efficient and high-quality delivery of the necessary deliverables on this project.

CAMPOS EPC ADVANTAGE: CEPC is a minority-owned business and a NMSDC Corporate Plus certified EPC provider with more than 15 years of experience working with major gas utilities and operators across the United States. CEPC benefits from extensive project experience along with compliance, technical and project management expertise. CEPC is ISO 9001/14001 certified, which is demonstrated in the application of industry best practices and our continuous improvement programs. We understand the level of commitment required for this RFP and the importance of aligning to SCG/AGLC Company goals.

COMMUNITY OUTREACH: CEPC is actively involved in our local communities. We take pride in supporting and elevating under-represented minority and female students through STEM education initiatives that impact over 4,000 students per year. For additional information relating to our community outreach and other Campos initiatives please see our website **www.CamposEPC.com**.

Campos EPC appreciates this opportunity to submit our response to your RFP. If you have any questions about our submittal, or if CEPC can be of service in any manner, please do not hesitate to contact me at 559-708-9731 or email at Romeo.Shiplee@camposepc.com if you have any questions or require additional information regarding this proposal.

Sincerely,

Romeo Shiplee
Director of Geotechnical Services
Campos EPC, LLC

INFORMATION PAGE

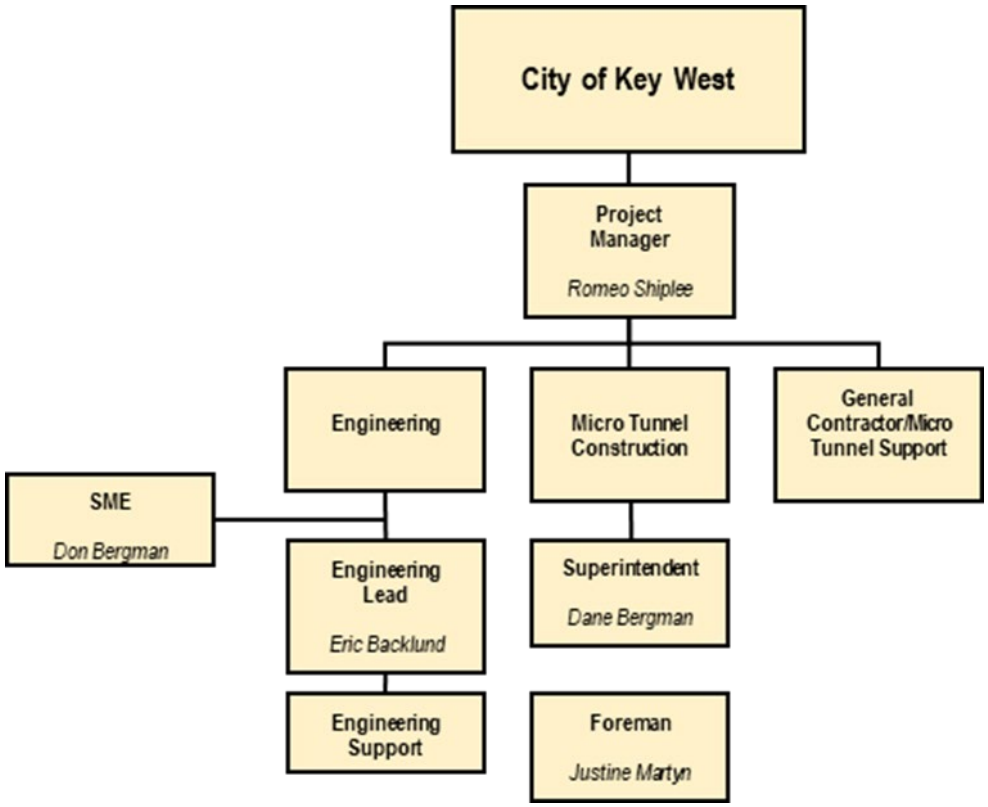
Project Name	Trenchless Installation of Utilities Across Fleming Channel RFQ # 22-003
Firm (Prime) Submitting this response	Campos EPC, LLC
Campos EPC Project Manager Contact Information	(559)708-9731
Campos EPC authority	Romeo Shiplee Director of Geotechnical Engineering Email: Romeo.Shiplee@camposepc.com Phone: (559)708-9731 Address: 2251 San Diego Ave. San Diego CA, 92110

ORGANIZATION CHART

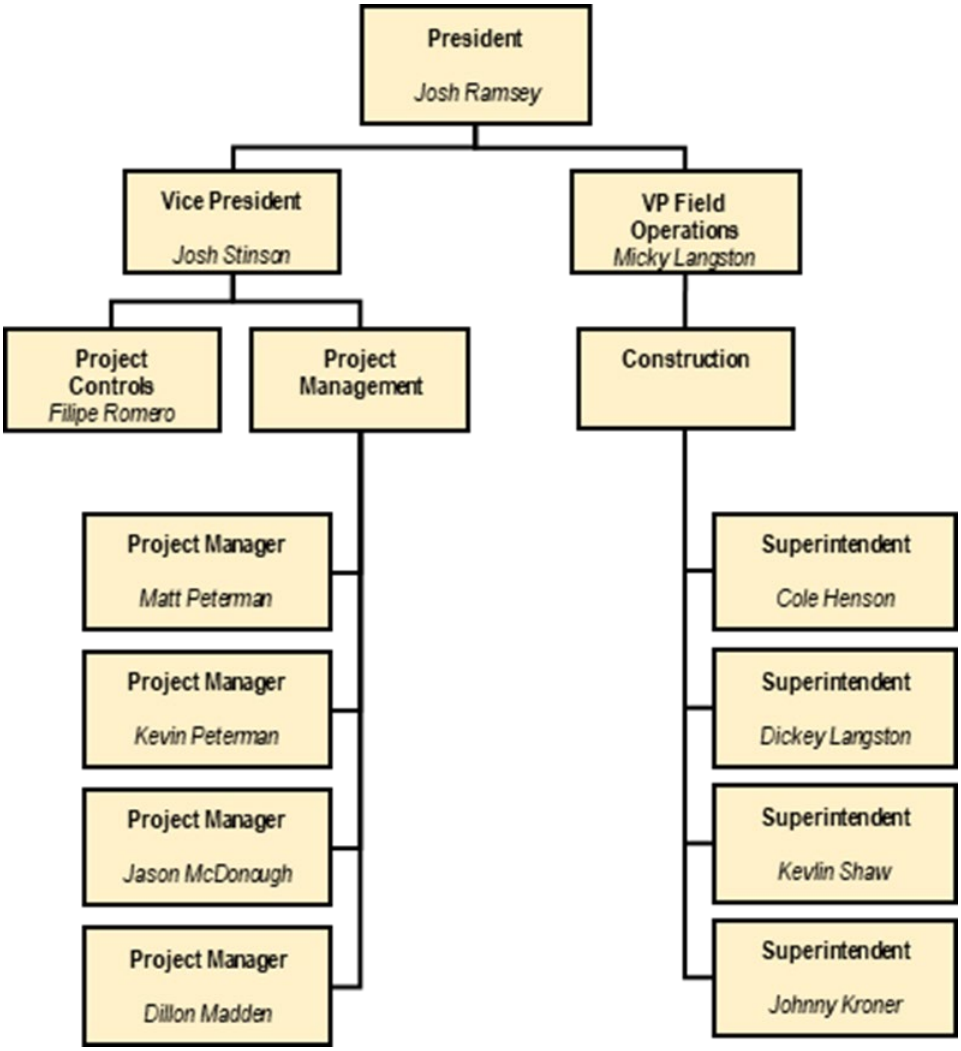
CEPC firmly believes that to obtain optimal safety, quality, schedule and cost results, the key project participants should operate as an integrated team. Each member of our project management team has extensive experience in trenchless installation projects.

Our team combines very strong project engineering and design, management, and construction experience. We are providing below the organizational structure for the overall Project Team.

PROJECT TEAM



GENERAL CONTRACTOR



COMPANY INFORMATION

COMPANY OVERVIEW

Campos EPC (CEPC) was founded in 2005 by its Managing Principal, Marco Campos. The basic premise of the company was to provide customer-oriented support and experience to our clients at a reasonable price, while ensuring that all employees could share in the success of the company.

Initially, the company focus was on supporting clients in the many facets of pipeline integrity regulations, programs and implementation. Over the years, the company's breadth of support offerings for utility and oil and gas pipeline companies has significantly increased to include utility distribution, pipeline and facility projects along with turn-key EPC projects. CEPC is headquartered in Denver, CO with offices in Minneapolis, Atlanta, Boston, Chicago, Columbus, Houston, Los Angeles, Salt Lake City, Charlotte, San Diego and San Ramon. The company is a minority owned company and NMSDC Corporate Plus member.

Currently, our staff of over 550 employees, includes project managers, construction managers, engineers, inspectors, GIS specialists and support personnel with decades of utility and oil and gas experience. Our team works diligently with Client stakeholders to ensure that projects are completed on time and in accordance with specifications, regulations, and industry best practices. We strive to deliver services at the highest level of ethics, performance, and compliance through the entire project cycle; a philosophy that has made CEPC an industry leader in EPC services for utility and oil and gas operators.

CEPC KEY DIFFERENTIATION

Gas Utility Industry Experience: CEPC is a preferred engineering contractor for Xcel Energy, PG&E and Sempra Energy as well as other major gas utilities across the United States such as NiSource and Dominion. This experience has helped CEPC to become an industry leader in engineering practices and design.

Compliance: CEPC company knowledge and experience is rooted in meeting regulatory requirements. This includes all criteria and requirements, including federal, state, local/city and industry governing laws of implementation and compliance. CEPC will verify the most current and applicable governance is adhered to.

Safety: A safe work environment is paramount to CEPC, and our primary goal is to protect our employees, Clients, and the environment. Our Safety and Health goal is designed around providing a safe and secure working environment for all stakeholders. This level of excellence can only be achieved through the commitment of our management and employees. The vision we embrace is the creation of an incident-free workplace where all injuries, industrial illness, and damage to the environment are prevented. At CEPC, we believe all accidents are preventable and will work continuously to make this a reality.

There are, we believe, indispensable ingredients in an incident-free environment which we have identified and to which we are committed. These include:

- Senior management commitment to safety;

- The personal commitment and accountability of every employee to safety;
- Well-trained employees working as a team; and,
- Continuous commitment to learning and improving.

We work diligently to create and maintain working conditions that ensure safety. To this end, we will observe all applicable regulatory requirements as well as Client safety requirements.

Management must be vocal, visible, and vigilant in meeting this commitment from the top down to front-line managers. These responsibilities may not be delegated. Every CEPC employee and subcontractor to CEPC is responsible and accountable for his/her own as well as his/her co-worker(s) safety and for the environment. Individual safety responsibility and accountability are a condition of employment at CEPC.

Diversity: CEPC is considered a Tier One Registered MBE Supplier, so all contracts that are formed or executed through us as prime are considered in our client's diversity spend goals. We are registered by the National Minority Supplier Development Council (NMSDC).

National Minority Supplier Development Council: MP0255

CEPC typically self-performs approximately 90% of its engineering and professional support services, however, we make every effort to increase our second-tier diversity spend goals through the implementation of our subcontracting plans as well. At times, third parties will be engaged as subcontractors to fill a specific project need, including specialty design or analysis and geotechnical services. CEPC also does not self-perform construction or manufacture products / equipment. As such, construction is subcontracted, and materials / equipment are procured from our network of suppliers. Depending on the scope of work awarded to be performed, our diversity spend could change dramatically.

CEPC works hard and continues to strive for opportunities to grow our capabilities and influence, helping to provide additional avenues for underutilized minority resources. Currently, we maintain formal enrollment practices to capture DBE status for all new suppliers. We use that for benchmarking our diversity footprint which in turn is reported monthly to our clients via web-based Supplier Diversity Management Systems.

We understand and are committed to engaging a diverse supply chain. Although it is CEPC's goal to actively work with all businesses, our supplier diversity strategy invites competition into our supply chain and is an ongoing organic process. The goal is to include one minority/woman/disabled veteran owned business for each request for proposal. We compile a database of diverse suppliers, which is updated monthly and track our diverse spend as percentage of total spent for quarterly and yearly reporting.

METHODOLOGY AND APPROACH

This methodology and approach is written in response to the requirement of the RFQ

Campos EPC, LLC (CEPC) has worked hard to establish and constantly strives to maintain our reputation as a first-class Engineering and Construction supplier. We make it a practice to work closely with our customers to turn ideas and concepts into safe, successful, high-quality facilities, which start up and perform as planned. We invest time and effort in capturing lessons learned, sharing best practices, and applying proven value improvement strategies to deliver to our clients.

This section describes the activities and strategies CEPC will utilize to execute the scope of work described in the RFP, For the Key West Project we will install two watertight shafts on either end of the tunnels without the need to dewater either shaft. Once constructed the shafts will have no need for dewatering other than some nuisance water that can be dealt with by means of minimal sump pumping. Our plan would be to either drive a steel casing microtunnel, (if necessary) and then install a carrier pipe inside. The other option could be a single pass microtunnel at nominal 72 inches. The depth of the shafts is minimal given our prior experience with marine environment microtunnels in similar conditions and the drive length of this microtunnel is short by comparison to most of the tunnels we have had experience. The limestone substrate can be an ideal medium for Microtunneling and the hardness levels are of no concern given the sophistication of the tunnel machine we have in mind.

PERSONNEL

Project Team Resumes are included as follows:

CAMPOS | EPC

ROMEO SHIPLEE, PE
Director of Geotechnical Engineering

PROFESSIONAL EXPERIENCE

Campos EPC (2020 - CURRENT)

Director of Geotechnical Engineering

Kleinfelder (2004 - 2020)

Principal Trenchless Engineering

EDUCATION

B.S. - Civil Engineering (2002)

California State University

CERTIFICATIONS & TRAINING

Professional Engineer Licensed in CA, CO, FL, GA, HI, ME, MN, NC, TX, WY-Civil 2013

QUALIFICATIONS

Romeo is a California licensed civil engineer with 17 years of project experience in management, geotechnical engineering applications, construction observation, materials testing, and inspection services. Mr. Shiplee has managed projects and performed geotechnical design reports, feasibility evaluations, field resistivity testing, and alternatives analysis for open cut and trenchless pipeline installation, as well as replacement methods such as pipe bursting, pipe reaming, and pipe jacking.

Mr. Shiplee's experience includes geotechnical investigations, alignment and feasibility evaluations, construction observation, and claims support for horizontal directional drilling, micro tunneling, pipe ramming, vacuum micro tunneling, and jack and bore. He has also provided geotechnical engineering assistance with changed site conditions claims during construction.

Mr. Shiplee has performed and/or supervised geotechnical engineering studies related to small and large diameter buried pipelines, dam and levee evaluation, water and wastewater treatment facilities, light and heavy rail projects, public roadway infrastructure and interchange projects, residential and commercial developments, schools, hospitals, and multi-story structures.

PROJECTS & EXPERIENCE

Various PG&E Trenchless Projects, California- Provided project management and geotechnical engineering services for natural gas pipeline projects with trenchless crossings of roadways, streams and river systems throughout PG&E's California service area. Geotechnical studies typically included evaluation of trenchless methods including jack and bore, pipe ramming, vacuum micro tunneling, and horizontal directional drilling (HDD), potential geologic hazards, evaluation of subsurface conditions along the proposed bore paths, evaluation anticipated drilling conditions, drill bit and tooling requirements, HDD drill fluid properties, soil to pipe friction and fluidic drag coefficients of HDD, HDD bore path layout and hydro fracture potential, and drill pad support. Recommendations were also provided for contractor selection, pre-bid services, and contingency planning for inadvertent HDD drilling fluid returns to the surface. Pipeline installations ranged from 6 to 30- inch diameter steel gas pipe and up to 42-inch diameter HDPE conduits for underground electrical installations. Some of this work was performed in conjunction with Bennett Trenchless Engineers, one of PG&E's trenchless design firms.

Westside Parkway Segment 2 and 3, Bakersfield California- Provided project management and geotechnical engineering services for the construction of Westside Parkway from Station 442+21.67 (west of Mohawk Street) to Station 359+00 (east of Coffee Road.) From Station 359+00 to about 416+80. The roadway was elevated with fills up to 32 feet including retaining walls associated with embankments for Friant Kern Canal overcrossing, Coffee Road Over CVC (widen), and Coffee Road undercrossing. Additionally, retaining walls were designed in association with Coffee west bound on ramps and off ramps, and a sound wall located on the north side of the alignment between Calloway Drive and Coffee Road.

Calloway Overcrossing, Bakersfield California- Provided project management and geotechnical engineering services for the construction of Westside Parkway. The two-span structure with a total length of 293'2" located in between station 28+02.52 and 30+95.66 along the "F" line and 132' 8" feet wide. The bents consist of six columns supported on individual footings.

PG&E pipeline 407 Curry Creek and Klingbeil HDD Crossings Redesign, Placer County, California- Performed project management and geotechnical engineering investigation and redesign of eight HDD crossings in Placer County, California. Borings were drilled to the depths of approximately 70 feet to obtain the required data for the direction bore segments. Work included modifications of eight HDD crossings ranging from approximately 2000 feet to 3200 feet in length. Geotechnical recommendations regarding planning, design, and construction of the proposed HDD crossing including; anticipated drilling conditions, temporary evacuation support including OSHA soil type and shoring, soil characteristics, bit and tool selection, drilling fluid selection, solids and volume, borehole and fluidic drag

coefficients, hydraulic fracturing analysis including allowable borehole pressures and minimum depth of cover, and equipment support.

North Sanitary Sewer, Los Banos, California- Provided project management and geotechnical engineering services for the construction of the proposed sanitary sewer that extends from Nantes Drive westerly along Overland Drive to Ingomar Grade, westerly along Ingomar Grade to Badger Flat Road, southerly along Badger Flat Road to the storm water retention basin (Phase 2), easterly along the south edge of the retention basin to the Main Canal and then southerly to Pachecho Boulevard, a total distance of about 14,900 feet. The pipeline consists of 30-inch diameter PVC gravity sewer and two parallel force mains with diameters of 12 and 18 inches. Jack and bore tunneling recommendations were also made for the sections of the pipeline that wouldn't be able to open cut.

Brundage Sewer Reconstruction, Bakersfield California- Provided project management and geotechnical engineering services for the construction of sanitary sewer that extends from L Street easterly along Brundage Lane to Mt. Vernon. The sewer also extends from Brundage Lane northerly along L Street to California Avenue. The sewer consists of both 30-inch and 42-inch diameter PVC gravity sewers. The sewer invert ranged in depth from about 6 to 11 feet. Jack and bore construction were performed at the Kern Island Canal, South Union Avenue, and the railroad crossings.

Proposed Parallel North Pipeline Extension, Bakersfield, California- Provided project management and geotechnical engineering services for the construction of the Parallel North Pipeline Extension that extends from the existing treatment plant northwesterly along the Union Pacific Rail Road to Hickerson Drive and turn north along the right-of-way on Hickerson Drive. The sewer continued north from Hickerson Drive along Sequoia Drive to Belle Avenue. The water lines a 27-inch diameter cement coated steel pipe to Belle Avenue. The invert ranged in depth from about 6 to 8 feet with Jack and bore construction at the Union Pacific Railroad crossing, Willow Drive, and Roberts Lane.

Sanitary Sewer and Lift Station, Mendota, California- Provided project management and geotechnical engineering services for the construction of proposed sanitary sewer that extends to the south and to the west of existing WWTP. The pipeline to the south consists of a 30-inch diameter gravity sewer and extends to approximately 4430 feet along the east side of the San Luis Drain in undeveloped property to Belmont Avenue. From there, the sewer line continues south along Belmont Avenue about 2290 feet, then turn southwesterly for about 2800 feet. During this reach, the sewer crosses under the Union Pacific Railroad/San Luis Drain and Highway 180. The alignment turns west for about 800 feet, then south about 3500 feet, and then turns west about 2600 feet to the new Mendota FCI/FCP, after crossing under Highway 33 (Derrick Avenue). The last 2600 feet of pipeline is a 21-inch diameter pipe.

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DANE BERGMAN
Drilling Superintendent

PROFESSIONAL EXPERIENCE

Campos EPC (2022 - CURRENT)
Drilling Superintendent

The Tunneling Co (2019 - 2022)
General Manager

TCG Tunneling Co (2012 - 2019)
Superintendent
Supervisor

The Coluccio Construction Co (2007 - 2012)
Microtunnel Foreman
Microtunnel Lead hand

Kamloops Augering (2006 - 2007)
Operator/Welder

The Coluccio Construction Co (2005 - 2006)
Apprentice Operator

CERTIFICATIONS & TRAINING

OSHA 10-Hour Hazard Recognition

Supervisor Training – Leadership Safety Excellence

QUALIFICATIONS

Dane has 17 years of industry experience, responsible for pre-job planning and coordination with clients, unions and all aspects of business management including complete oversight of all company operations.

Mr. Bergman has spent nearly all of his career in the trenchless industry starting as an apprentice operator. Dane's recent experience includes operating The Tunneling Company, USA LLC as the General Manager with experience working on locations all over the USA and Canada.

Dane's understand of the industry methodologies has allowed him to meet the challenges on jobs valued from $50,000 - $120,000,000

PROJECTS & EXPERIENCE

Ala Moana Sewer Upgrade, Honolulu, HI - Project Description: Micro tunnel 14+ crossings of 84" diameter pipe totaling 15,000+ft to upgrade the failing Honolulu sewer system. At the time included the longest double-S-curve micro tunnel drive in North America. Excavation shafts up to 200ft deep. Project value over $120,000,000. Role and Responsibilities: Responsible for day-to-day tunneling operations, setup and operation of equipment, crew supervision.

Beachwalk WWPS Phase 1 Emergency, Honolulu, HI - Project Description: 5x Shafts (Sheet Piling with Bracing) at 45 ft deep. Five Drives, 72" diameter pipe for 5,800 LF. Ground conditions, corals, coralline deposits, sand, clay, volcanic tuff (black/blue). Project Value $37,112,100. Role and Responsibilities: Responsible for day-to-day tunneling operations, setup and operation of equipment, crew supervision

Southern Star Pipeline Jack & Bore, Kansas City, Kansas - Project Description: Install 31.5 miles of 36" diameter casings at multiple locations. 35 total crossings. Project Value $2,500,000. Role and Responsibilities: Daily supervision meetings with crews at various locations. Superintendent responsible for crew coordination, correspondence with owner, labor unions, employees, and various other personnel. Assist crew where needed with operations and coordinating all necessary materials to the appropriate locations. Training new crew members for safe and efficient operation of equipment. Equipment demobilization coordination of entire project.

Additional Projects

- Over 100 projects with more than 50 multiple-crossing projects ranging from 6"-122" diameter pipe, Supervisor
- Over 15 pipeline-related projects, Supervisor/operator

CAMPOS | EPC

DON BERGMAN, SME

PROFESSIONAL EXPERIENCE

Campos EPC (2022 - CURRENT)

SME

The Tunneling Company USA LLC (2020 - 2022)

SME

Frank Coluccio Construction Company (1994 - 2020)

SME

EDUCATION

B.S. - Political Science (1971)

Arizona State University

The Estimating and Project Management Program

The Construction Estimating Institute of Florida

CERTIFICATIONS & TRAINING

Responsible Managing Employee and/or qualifier licenses for the following states of OR, CA, AZ, UT and FL

QUALIFICATIONS

Don has been involved in the heavy pipeline, marine, and tunnel construction industry for over 50 years. Don's experience includes projects throughout North America and Hawaii. After graduation Don relocated to Alaska and became a member of the International Union Operating Engineers Local 302 (48-year active member) working on several projects throughout Southeast Alaska.

Mr. Bergman's experience includes work on the Trans Alaska Pipeline project while working for The Flour Alaska Corporation at numerous locations from Prudhoe Bay to North of the Yukon River outside of Fairbanks Alaska. Don's field work includes project supervision, project management, project negotiations and was Chief Estimator for Frank Coluccio Construction Company.

Don has extensive experience working on large Public Works projects, Design/Bid/Build, Design Build, ECI (Early Contractor Involvement) and interactions with Owners, Consultants and Engineers.

Mr. Bergman is recognized in the industry as someone who will collaborate with owners and Engineers from the public as well as the private sectors during the design phase of new projects.

PROJECTS & EXPERIENCE

When the opportunity to work on the Trans Alaska Pipeline project presented itself, I went to work for The Flour Alaska Corporation at numerous locations from an area near Prudhoe Bay to North of the Yukon River outside of Fairbanks, Alaska. During my time with Flour Corporation in Alaska I advanced and became the youngest general foreman with the Operating Engineers on the Trans Alaska Pipeline. My field experience on large public works projects during my years in Alaska and stateside prepared me for advancement into project supervision, management and eventually to my position as the Chief Estimator for Frank Coluccio. I reported directly to our ownership group. In addition to my oversight of the estimating department, my responsibilities included project negotiations, overseeing Coluccio efforts on Design/Bid/Build Projects, Design Build Projects, ECI (Early Contractor Involvement) Projects, and interactions with Owners, Consultants and Engineers on upcoming projects. I am proud to be recognized within the industry as someone who will collaborate with Owners and Engineers from the public as well as the private sectors of the construction industry during the design phase of new projects. This may include the review of project specifications and when appropriate, providing input into budgetary cost estimates.

I have been a frequent speaker about planning and estimating microtunnel projects at seminars and short courses around the United States and in Canada. I have a recognized depth of experience in the field of Microtunneling, from planning to estimating and project management. To date my Microtunneling background reflects well over sixty (60) miles of installed micro tunnels of various dimensional and material characteristics. Within that list of Microtunnel projects is The Beachwalk Microtunnel Project in Honolulu, Hawaii which was the first double curved single drive micro tunnel completed in the United States, and The Ala Moana Microtunnel Project, (also in Hawaii), which to date, (at over 120 million dollars US), is the largest awarded Microtunnel project ever done in the United States and North America.

Representing Frank Coluccio Construction Company, I was a founding member of the North American Microtunnel Association, (N.A.M.A.), which is comprised of the leading Microtunnel Contractors throughout North America. During my time prior to the retirement of Coluccio Construction, I was selected by my fellow N.A.M.A members to the board of directors to serve consecutive terms on the N.A.M.A. board.

Current member of the Operating Engineers Local 302, (49 years)

Founding Member of North American Microtunnel Association, (N.A.M.A.)

Former member Board of Directors of the North American Microtunnel Association

Frequent Speaker/ Microtunnel Short Course, Boulder, Colorado

Expert witness on subject of estimating Microtunnels

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ERIC BACKLUND, PE
Geotechnical Engineering Manager

PROFESSIONAL EXPERIENCE

Campos EPC (2020 - CURRENT)
Geotechnical Engineering Manager

Kleinfelder (2009 - 2020)
Geotechnical Professional

EDUCATION

B.S. - Civil Engineering (2007)
Lafayette College

M.S. - Civil Engineering (2008)
Virginia Polytechnic Institute and State University

CERTIFICATIONS & TRAINING

Professional Engineer (PE) – Civil
DC, DE, IN, MA, NY, PA, OH, VA, WV

EXPERTISE & PROGRAMS

- Geotechnical engineering
- Trenchless technology
  - Horizontal directional drills
- Foundation design
- Electric transmission line foundations
- Substation design
- Solar development
- Slope failure mitigation
- LPILE, MFAD, Slide, Slope/W, AutoCAD Civil 3D, Shoring Suite, MathCAD, Technical Toolbox

QUALIFICATIONS

Eric is a licensed civil engineer with over 14 years of experience. Eric has experience preparing geotechnical reports, performing slope stability analyses, designing mechanically stabilized earth (MSE) walls, and designing temporary retaining structures. He has experience working on a wide variety of projects including transmission lines, natural gas compressor stations, solar farms, wind farms, highways, water/wastewater treatment plants, slope repairs, access roads, and gasoline station tank excavations. He has experience on projects ranging from initial concept, desktop study, feasibility analysis, project scoping, site exploration, analysis, design, and construction.

Eric has been involved with trenchless projects for the past 11 years. Mr. Backlund has experience performing conceptual HDD designs, evaluating constructability of HDDs, scoping geotechnical explorations, performing final HDD designs, pipe stress calculations, inadvertent returns calculations, and overseeing construction of HDDs. He also has experience reviewing as-built construction data and approving as-drilled paths. The projects he has worked on have ranged from crossing a highway with relatively flat open land on both sides, to steep topographic changes, to navigating city streets and parks. His experience in each facet of the design and construction of HDDs allows him to take a big picture approach to the problems at hand.

PROJECTS & EXPERIENCE

TRENCHLESS TECHNOLOGY PROJECT EXPERIENCE

Colonial Pipeline Nansemond River Crossing – Suffolk, Virginia

Colonial Pipeline required replacement of a 14-inch pipeline crossing the Nansemond River in Suffolk, Virginia. The Nansemond River is approximately 1.2 miles wide at this location and horizontal directional drilling (HDD) was the selected installation method. Mr. Backlund served as a project engineer on the project, performing a site visit to establish feasibility of entry and exit locations and laydown areas and then helped develop several conceptual HDD drill path options to evaluate what the best path would be considering existing right-of way, nearby property owners, subsurface conditions, and public spaces including a nearby school. Mr. Backlund was in charge of performing the geotechnical scope for the project which included six 100 feet deep borings, two of which were in the river, and the laboratory testing program. Based on the borings and the survey data obtained on the project, Mr. Backlund provided input to adjust the proposed drill path, performed a pipe stress analysis, and coordinated an inadvertent returns analysis. The HDD was 9,126 feet long and the project was completed on schedule and on budget.

National Grid Pipeline E37 (Albany Loop) – Albany and Rensalear Counties, New York

National Grid proposed to install a new, approximately 7-mile long, 14-inch pipeline. To construct the pipeline, 8 HDDs were proposed for roadway crossings, wetland crossings, and beneath a sand quarry. Mr. Backlund first became involved with the project by performing a geotechnical desktop study to provide insight on subsurface conditions that could be expected along the alignment. He then helped design the proposed HDD drill paths and scope a geotechnical exploration program for the HDD crossings and to evaluate excavatability along the proposed route. Mr. Backlund oversaw the geotechnical operations consisting of 35 borings and over 2,100 feet of drilling. The proposed drill paths were adjusted based on the subsurface conditions and a field constructability review. The HDD's ranged in length from about 1,000 to 4,400 feet. Mr. Backlund also participated in the client's risk assessment meeting to evaluate and quantify risks that may be encountered during construction. After a contractor's estimate was obtained for construction of the HDD's, Mr. Backlund scoped a second phase of geotechnical work to save construction costs based on a better definition of rock along some of the drill paths.

Various HDD Crossings for Marcellus Shale Pipelines – Bradford and Susquehanna County, Pennsylvania

At several locations throughout Bradford and Susquehanna County, Pennsylvania, Horizontal Directional Drilling (HDD) was used to install gas lines beneath wetlands or roadways instead of open trenching. Borings were performed to obtain information about the subsurface to assess the feasibility of HDD in the particular areas and to design the proposed drill path. Mr. Backlund led tasks including coordination with drilling companies to perform the borings, management of field data, assigning laboratory testing, and preparing data reports documenting what was found. In addition, recommendations for altering the proposed drill path based on soil

conditions observed were provided. Kleinfelder had 6 drill rigs operating simultaneously at one point.

Colonial Pipeline Mississippi River Crossing – Point Coupee Parish and West Feliciana Parish, Louisiana

Colonial Pipeline required replacement of a 40-inch pipeline crossing the Mississippi River. Mr. Backlund served as the project engineer on the project and developed conceptual HDD crossings. He performed a site reconnaissance to evaluate field conditions and constructability and oversaw the geotechnical program consisting of 2 land borings and 2 barge borings. He then modified the proposed drill paths based on the data.

LTMUA Force Main Replacement – Logan Township, New Jersey

Logan Township Municipal Utilities Authority planned a new effluent force main to replace the existing 12-inch diameter concrete effluent force main which was experiencing serviceability issues due to its age. The new force main was planned to be HDPE pipe and approximately 2 miles in length with installation methods including open trench, 4 jack and bores, and 6 HDD locations. Mr. Backlund was responsible for performing the geotechnical exploration on this project including scoping the exploration program, assigning laboratory testing, and providing recommendations to modify the proposed drill paths. A total of 16 borings to depths of about 35 feet were performed for this project.

ConEd Bronx River Crossing – Bronx, New York

ConEd is planning to replace the transmission main crossing the Bronx River. The current crossing is a 24-inch pipeline within a tunnel and the proposed crossing will be a 36-inch pipeline. Kleinfelder performed a feasibility evaluation for a new crossing location and compared it was concepts provided in a previous evaluation. Kleinfelder evaluated HDD, direct pipe, and micro tunnelling as potential options while the previous evaluation looked at tunnel re-use, HDD, and direct pipe. Mr. Backlund served as the project engineer, developing 7 conceptual crossing options based on potential workspaces. The proposed crossing location was located within city streets and city parks with many constraints. Mr. Backlund oversaw the geotechnical program consisting of 3 land borings and 1 barge boring. The final recommended HDD crossing was about 2,200 feet long.

National Grid Pipeline 31 Onondaga Creek Crossing HDD – Onondaga, New York

National Grid replaced a portion of Pipeline 31 under Onondaga Creek to replace the existing 16-inch pipe with 14-inch pipe to satisfy ILI requirements. The proposed HDD crossing was 590 feet long. Mr. Backlund performed a review of the HDD design performed by another consultant and oversaw the construction observation of the HDD. Mr. Backlund helped provide real time evaluation of the HDD drill path to confirm the allowable radius was achieved as well as confirming the proposed exit location. Through the interaction of Kleinfelder's field representative and the contractor, a successful drill was obtained. Kleinfelder also observed a pullback of a sacrificial section of pipe and the pullback of the production pipe.

Primoris Services Corporation
Rockford Corporation

Superintendent & PM Resumes

Dickey Langston
Superintendent

Over 46 years in the industry, been with Rockford since 2002. Project experience:

- **Enterprise Products – M2E3 Sp. 7:** 56 miles of 36” near Houston, TX.
- **Energy Transfer – Reed to Farrar:** 19.7 Miles of 42” near Fairfield, TX.
- **Spectra Energy - Sabal Trail Spread 6:** 78 miles of 36” near Orlando, FL.
- **Enterprise - Rancho Project:** 86 miles of 36” near Houston, TX.
- **Markwest Energy Partners – Sherwood to Majorsville:** 12 miles of 12” in Wetzel County, WV.
- **Enterprise - Seaway Loop 3A Project:** 99 miles of 30” near Corsicana, TX.
- **Enterprise - Atex Segment 2:** 117 miles of 20” near Lancaster, OH.
- **Denbury - GreenCore Spread 4:** 54 miles of 20” near Gillette, WY.
- **Denbury - GreenCore Spread 2:** 53 miles of 20” near Casper, WY.
- **El Paso - Ruby Pipeline Project Spread 7:** 60.3 miles of 42” in OR and NV.
- **Kinder Morgan - Rockies Express Project*:*** 31.4 miles of 42” near Zanesville, OH.
- **Gulf Crossing Company Pipeline Project:** 54 miles of 42” in East TX and LA.

Kevlin Shaw
Superintendent

Over 27 years in the industry, been with Rockford since 2004. Project experience:

- **Williams - SRSH005**: 8 miles of 16” and 24” near Montrose, PA.
- **Enterprise Products – M2E3 Sp. 4:** 83 miles of 36” near Burnet, TX.
- **Williams - Zenith A Projects:** 14.3 Miles of 10", 12" & 16" in Susquehanna County, PA.
- **Williams - Genesis:** 26 miles of 16"-24" in Montrose, PA.
- **DTE - Bluestone Loop:** 4 miles of 30" in Windsor, NY and Susquehanna, PA.
- **Talen Energy - Brunner Island Project:** 4 miles of 24" in York Haven, PA.
- **Williams - ABA Marcellus Projects:** Over 150 miles of pipe in gathering system varying from 6"-24" in Susquehanna County, PA.
- **El Paso - Ruby Pipeline:** 126 miles of 42" in AZ & NV.
- **Kinder Morgan - REX East:** 31 Miles of 42" in Ohio.
- **TransWestern - Phoenix Expansion:** 150 Miles of 36" in AZ.

Primoris Services Corporation
Rockford Corporation

Superintendent & PM Resumes

Cole Henson
Superintendent

Over 18 years in the industry, been with Rockford since 2010. Project experience:

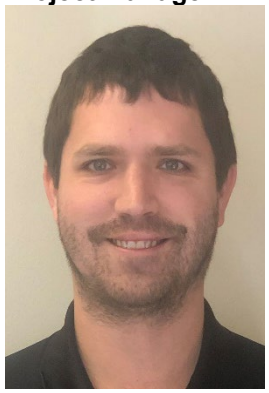
- **Williams – Manassas Loop:** 7.5 miles of 42” near Manassas, VA.
- **NextEra Energy – Okeechobee Lateral:** 5.2 miles of 20” near Okeechobee, FL.
- **NextEra Energy - Florida Southeast Connection:** 77 miles of 36” & 49 miles of 30” in FL.
- **Enterprise Products - Rancho Project:** 86 miles of 36” near Houston, TX.
- **Markwest Energy Partners - Sherwood to Majorsville:** 12 miles of 12” in Wetzel County, WV.
- **Williams – OVM:** 50 miles of 12” in Marshall County, WV to Washington County, PA.
- **Williams Midstream Various Projects:** Ongoing projects since 2011 combined over 100 miles of 6”-20” in Susquehanna County, PA.
- **Pacific Gas and Electric:** Various rehabilitation jobs for PG&E in CA.
- **El Paso - Ruby Pipeline Project:** 127 miles of 42” in OR and NV.
- **Gulf South - Mississippi Pipeline Expansion Project:** 62 miles of 42” in MS.
- **TransWestern - Phoenix Expansion:** 95 miles of 42” & 40 miles of 36” in AZ.
- **Kinder Morgan - REX East:** 47 miles of 42” in IL.
- **Kinder Morgan - REX East:** 53 miles of 42” in OH.
- **Florida Gas Transmission - Phase VIII:** 25.5 miles of 42” & 124 miles of 36” in FL.

Johnny Kroner
Superintendent

Over 28 years in the industry, been with Rockford since 2018. Project experience:

- **Kinder Morgan – South Mainline Expansion:** 17 miles of 30” near El Paso, TX.
- **Williams – ASR Spread 1:** 75 miles of 30” near Tunkhannock, PA.
- **Energy Transfer – DAPL Spread 6:** 130 Miles of 30” near Bismarck, ND.
- **Suncoco – Allegheny River Drill & Fab:** Drill and tie-ins near Montrose, PA.
- **Vermont Gas:** 10 miles of 12” near Burlington, VT.
- **Virginia Gas:** 21 miles of 20” near Towanda, PA.
- **Vantage Pipeline:** 80 miles of 10” in ND to the Canadian border.
- **National Grid – BQI Interconnect:** 6,200’ HDD under Jamaica Bay & associated fabrication.
- **Williams:** 20 miles of 20” north of Seattle, WA.

Kevin Peterman
Project Manager



Over 10 years in the industry, been with Rockford since 2011. Graduated from Oregon State University with a degree in Civil Engineering. Project experience:

- **Williams Transco – Manassas Loop:** 7.5 miles of 42” near Manassas, VA.
- **NextEra Energy - Florida Southeast Connection:** 77 miles of 36” & 49 miles of 30” in FL.
- **Markwest Energy Partners – Sherwood to Majorsville:** 12 miles of 12” in Wetzel County, WV.
- **Williams – OVM:** 50 miles of 12” in Marshall County, WV to Washington County, PA.
- **Pacific Gas and Electric:** various rehabilitation jobs for PG&E in CA.
- **Denbury – GreenCore Spread 2:** 53 miles of 20” near Casper, WY.

Jason McDonough
Project Manager

Over 17 years in the industry, been with Rockford since 2012. Graduated from Pennsylvania State University with degrees in Civil & Environmental Engineering. Project experience:

- **Williams - SRSH005:** 8 miles of 16” and 24” near Montrose, PA.
- **Enterprise Products – M2E3 Sp. 4:** 83 miles of 36” near Burnet, TX.
- **Williams - Zenith A Projects:** 14.3 Miles of 10", 12" & 16" in Susquehanna County, PA.
- **Williams - Genesis:** 26 miles of 16"-24" in Montrose, PA.
- **DTE - Bluestone Loop:** 4 miles of 30" in Windsor, NY and Susquehanna, PA
- **Talen Energy - Brunner Island Project:** 4 miles of 24" in York Haven, PA
- **Williams - ABA Marcellus Projects:** Over 150 miles of pipe in gathering system varying from 6"-24" in Susquehanna County, PA.

Dillon Madden
Project Engineer

Over 8 years in the industry. Joined Rocked in 2016. Graduated from Oklahoma State University with a degree in Construction Management. Project Experience:

- **Kinder Morgan – South Mainline Expansion:** 17 Miles of 30" near El Paso, TX
- **Energy Transfer – Reed to Farrar:** 19.7 Miles of 42" near Fairfield, TX
- **NextEra Energy – Okeechobee Lateral:** 5.2 miles of 20" near Okeechobee, FL
- **NextEra Energy – Okeechobee Clean Energy Center Metering Station:** Vero Beach, FL
- **Devon Energy – Showboat to Safari Waterline:** 4.5 miles of dual lay 12" and 30" HDPE in Kingfisher, OK
- **NextEra Energy – Florida Southeast Connection:** 126 miles of 30" and 36" near Okeechobee, FL
- **NextEra Energy – Martin M&R Station:** Indiantown, FL
- **Williams Transco – Leidy Line "D" Expansion Project:** 17 miles of 42" near Scranton, PA
- **MarkWest Energy Partners – Sherwood to Majorsville:** 25.7 miles of 12" near Wheeling, WV
- **Williams – Ohio Valley Oak Grove Residue and MCE Project:** 21 miles of 24" near Wheeling, WV
- **Enterprise – Atex Segment 1:** 45 miles of 20" pipeline near Beech Bottom, WV

QUALIFICATIONS

CEPC is a turn-key provider of pipeline services. Our experienced staff of engineering and field service professionals has worked with liquid and gas operators of all sizes to insure safe operations and regulatory compliance. We have hands-on operations and consulting experience developing and implementing pipeline programs.

CEPC and the proposed team has a long history of providing successful pipeline design, planning, execution, integrity, and safety assessment studies. Below are some examples of pipeline design and pipeline integrity management projects we are currently performing or have performed in the past.

The Tunneling Company, USA is a division of the Crossing Group. The Crossing Group is one of the largest trenchless construction companies in North America. We specialize in providing the energy, municipal, civil, and utility sectors with the integrated, full-service offering of solutions required to overcome the simplest or most complex crossing challenges. We have the people, the processes, the technology, and the capacity to efficiently handle projects of varying sizes, scope and complexity.

Primoris Services Corporation was established in 2004 as the umbrella entity for a group of exceptional companies that share a strong common culture and values. The vision of our company lead founder, Brian Pratt, was to establish a dedicated group of construction/engineering professionals that would provide our clients with a competitive advantage by delivering services of unmatched value, thereby enhancing shareholder and employee interests, while maintaining the highest standards of integrity, safety and quality.

ENGINEERING AND DESIGN

The realization of a project from concept to start-up requires strong Project Management through all stages of development and acts as an extension of the client's organization while functioning in their best interests in all dealings with additional parties. We have successfully completed several, significant projects and programs utilizing our expertise in specification development and Front-End Planning & Engineering Design, which transition into the Detailed Design, Procurement and Construction.

Distribution - CEPC provides Distribution Engineering and Program Management and appreciates the intricacies that are involved in making such programs a success. CEPC understands the challenges of working large programs in urban areas along with high volume programs and is fully familiar with the unique requirements for the execution of distribution projects. CEPC will provide the management, organization, systems and personnel that will deliver on all client expectations. This will include the preparation of the key engineering, permitting and project close out deliverables.

Below is a list of our key core competencies in Distribution Design:

- Main Replacement
  - AMRP
  - IP and Steel

  - HDD Design
  - Jack and Bore
- Regulator/Vault replacements
- LP System/OPP Review
- New Business
- Work Management Systems
- Public Improvement/Franchise
- Permitting
  - Federal, State, City, Local, Railroad, Environmental
  - Jurisdictional Coordination
- GIS
  - Data Management
  - Mapping
  - Design (BUD)
- Construction Support
- Third Party Coordination
  - Survey
  - Geotechnical
  - SUE

The CEPC Engineering Team's prime responsibility is to manage the timely and cost-effective execution of all distribution engineering work to ensure that designs, specifications and deliverables fully comply with agreed technical and commercial objectives. We understand complying with client design manuals and design practices as well as local codes. Most importantly, we know Distribution Engineering often involves the Clients' customers and that their customers are number one. We know how to interact with the customers when required as well as local agencies on our client's behalf. Below are some of our core competencies with our engineering approach:

- Development of the technical requirements of the project and preparation of job specifications in collaboration with specialty engineers (when required)
- Coordination and liaison with customers and agencies for our client relative to design and engineering activities for the project
- Providing information required by specialist engineering in accordance with schedule requirements
- Manage the specifications and timeline for all major deliverables and project milestones
- Coordination of constructability concerns into planning, engineering and design activities
- Ensure engineering & design meets the target schedule
- Management and execution of internal design reviews and client reviews
- Review of drawings prior to release for construction
- Resolution of any construction comments concerning drawings, specifications, and other technical items

CEPC will execute the assigned work in accordance with the appropriate procedures and standards, within the labor-hour/cost budgets and project schedule targets, while seeking innovative, cost effective engineering solutions. We are also responsible for coordination of the specialist and design

engineering groups review and thus, for the technical quality of the work ensuring a consistent and high-quality design while maintaining records of design development.

Pipeline - CEPC has a team of managers, engineers, designers, drafters, control specialists and construction personnel who have experience in pipeline design that spans several key areas:

- New pipeline construction
- Pipeline replacement and/or repair
- HDD design
- Jack and Bore design
- Launcher/Receiver design
- Load and Stress Analysis and Calculations
- Permitting
- Hydrostatic test design for existing and new pipelines

The CEPC team can carry out these projects to the level desired by our client, whether it is just providing the engineering support for the project, or a cradle-to-grave type solution in which CEPC would handle all aspects of the project work.

The services that CEPC can provide for pipeline work include:

- Initial pipeline route definition to help define scope with activities including:
- Planning and scoping for project
- Development of Design basis to meet client and Regulatory Requirements
- Permit drawing packages
- 30/60/90% Design and Review Process

CEPC is capable of providing additional project design support activities. By having these services under CEPC control, CEPC is able to maintain better control of schedule and cost for these activities. These services would follow under CEPC's quality and control practices. Potential services that CEPC can provide include:

- Land Survey services
- Subsurface exploration/potholing services
- Ground Penetrating Radar (GPR) services to reduce potholing requirements, reduce permitting time and/or improve project schedules.
- Geotechnical surveys and assessments to determine soil conditions for planned construction methods
- Cathodic Protection services ranging from complete Close Interval Survey assessments to deep well and rectifier design
- Development of SWPPP plans
- Traffic Control Plans and Traffic Control services
- CEPC has proven experience to provide facility piping design (some of this is noted in other categories in this Technical Response). Although drawings will be turned over in the required CAD format, CEPC has the capabilities to provide 3D design to ensure that the planned facilities will be placed properly for future operational and other site modifications.
- Items CEPC can provide support for include:
    - Automated valves

- Metering facilities
- Control valve installations
- Regulating facilities
- Filtering and related processing facilities
- Launcher/receiver design
- Valve set design
- Blowdown design

- As part of CEPC's design practices, CEPC will provide the project criteria required for field work support. Such criteria can include:
  - Hydrotest calculations and planning documentation
  - Welding procedures
  - Wheel loading calculations
  - Frac out analysis and mitigation planning
- CEPC has several cost estimators with extensive pipeline experience. CEPC would provide detailed cost estimates at all required project phases including at 30%, 60% and 90% levels.
- Schedule and budget - CEPC has experienced P6 and Microsoft Project schedulers. CEPC would develop the required (and in some cases more detailed) schedules and tracking processes to ensure the project is on track and/or where improvements can be made. CEPC also has advanced budget tracking software that can be set up to monitor any project phase activity that needs to be monitored. CEPC will work with client to ensure that adequate information is being developed and provided at the required intervals.
- Clearance assistance and support:
  - Identifying taps affected by clearance – provide maps, diagrams and/or sequencing sketches to provide a clear picture of affected and potentially affected areas
  - Preparing alternative sources of product for affected taps
  - Assist in development of clearance documents
  - Participate in required clearance meetings to ensure thoughts and ideas are properly captured on drawings
- CEPC has the capabilities to provide fully inclusive work plans. These work plans could include items such as:
  - Safety plan for the project
  - Environmental plan for the project
  - Work activity listing and carryout requirements
  - References to and/or inclusion of required client standards
  - Permits and authorizations
  - Drawings
- CEPC has the experienced personnel and capabilities to develop bid packages as well as carry out the bidding procedure
- CEPC would plan on providing engineering construction support throughout the construction process
- CEPC can provide highly experienced Construction Management and inspection oversight services. If these services are selected, CEPC would set up communication requirements and documentation requirements.
- CEPC can support the As Built process in whatever manner client chooses. We can also provide whatever level of project close out support client would require.

Facilities and Stations - CEPC Facilities Engineering group focuses on the engineering and project management of station work ancillary to pipelines, specifically on pump and compressor stations, metering locations, and loading/unloading facilities.

The Facilities Group has experience developing projects from preliminary front end loading study through detailed engineering. Members of the group have experience working on small individual meter station sites through large gas processing plants and through very large program level pipeline system projects.

A typical project would include the following:

- Detailed Design Basis establishing the project definition and standards around the development of the balance of the project
- Conceptual as well as detailed project schedules and budgets supporting the level of engineering development performed for the project
- Process Flow Diagrams (PFDs)
- Process and Instrumentation Diagrams (P&IDs)
- Pipe, Valve and Fitting Specifications and supporting calculations
- Detailed piping design including piping isometric drawings
- 3-D Solid Model generation for the project including integration from Civil, Structural, Electrical and Mechanical Disciplines
- Detailed Equipment Datasheets for Purchase of all project equipment
- Issued for construction quality discipline drawings for mechanical, civil, and structural disciplines
- Field Engineering support during station construction
- Drawing "As-Builts" and Project job books

This is a simple overview of the base services that are rendered for most Facilities Projects, greater detail and support is provided as requested per the client pursuant to project KO meetings and Design Basis reviews.

Valve Automation - is a subset requirement of 49CFR 192.935. This requirement stems from additional preventive measures an operator must take beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences in high consequence areas and enhance public safety. An operator must base the additional measures on the threats the operator has identified to each pipeline segment and conduct, in accordance with one of the risk assessment approaches in ASME/ANSI B31.8S Section 5.

Such additional measures include, but are not limited to, installing Automatic Shut-off Valves or Remote Control Valves, installing computerized monitoring and leak detection systems, replacing pipe segments with pipe of heavier wall thickness, providing additional training to personnel on response procedures, conducting drills with local emergency responders and implementing additional inspection and maintenance programs.

If an operator determines, based on a risk analysis, that an ASV or RCV would be an efficient means of adding protection to a high consequence area in the event of a gas release, an operator must install the ASV or RCV. In making that determination, an operator must, at least, consider the following

factors, swiftness of leak detection and pipe shutdown capabilities, the type of gas being transported, operating pressure, the rate of potential release, pipeline profile, the potential for ignition, and location of nearest response personnel.

The CEPC Valve Automation group has extensive experience in project scoping, valve modifications, actuator adaptions, actuator controls, station design, pipeline design and the installation of hundreds of remote operated valves with SCADA philosophy/operations.

Electrical - CEPC has the expertise and knowledge to perform detailed electrical engineering including wiring diagrams, conduit sizing and layout, one-line diagrams, I/O lists, load calculations, and equipment specification for client projects. We have knowledge of the SCADAPACK (32 and 350) used by client along with the other equipment located in the RTU.

Electrical Engineering will assess the electrical loads following review of preliminary equipment lists and utility summaries, to produce a preliminary load schedule. The calculated loads will be used for making an initial design of the power distribution system. Equipment will be sized with allowance for design development and an emergency load schedule will also be produced taking into account critical and emergency equipment required for safe operation

CEPC Electrical Engineering Capabilities:

- Power System Design: One-Line Diagrams, Three-Line Diagrams, Schematics and Connection Diagrams
- Power and Control Design: Plan Drawings, Installation Details, and BOM's
- Equipment Specification: MV and LV Switchgear, Transformers, MV and LV Motor Control Centers, MV and LV VFD's, Engineered Packages, MV and LV Motors, Equipment FAT and testing.
- Power System Analysis: Load Flow, Short Circuit, Arc Flash, Cable Thermal Derating, System Protection and Coordination, Motor Starting (EasyPower, ETAP, SKM, CAPE, ASPEN, OneLiner/DistriView, MIlsoft Windmil)
- Grounding Analysis: AC Interference, Step-Touch Potential (CDEGS Multifields+ package including HIFREQ, ROW/ROWCAD)
- Grounding Design: Plan Drawings, Installation Details, and BOM's
- Hazardous Area Classification: AGA XL1001 and API RP500
- Protective Relay Settings and Coordination
- Electric Utility Coordination

The initial selected distribution arrangement and main equipment ratings will be captured in the electrical one-line diagrams for discussion and review with client. The one-line diagrams will then be expanded to include key electrical protection using MicroStation and to cater ongoing process developments or changes brought about by project reviews (e.g. Safety and Operability, Innovation and value engineering).

Preliminary electrical system studies will be carried out to confirm the ratings of equipment selected and to obtain critical parameters. Optimization studies will also be undertaken with regard to system voltage levels, substation quantities, locations and system sizing.

The following are standard items also produced during electrical design:

- Equipment specifications for electrical engineered items and input into requisitions produced by mechanical equipment engineers for critical equipment will be developed where not already covered by client specifications.
- Equipment data sheets will be produced for major items of equipment.
- A cable sizing chart and other miscellaneous calculations will be developed. An initial assessment will be made of electrical trace heating requirements from line lists.
- Specify requirements for instruments power supply and incorporate the requirements in single lines, specifications and data sheets.
- Cathodic protection will be designed with input from the electrical group.
- Electrical/Instrument interface philosophies will be defined and recorded in specifications and philosophy drawings/documents.
- Area classification drawings and cable routing drawings.

CEPC has completed multiple projects for different clients which include varied scopes of work for detailed electrical engineering, instrumentation, and controls at stations.

Design and Drafting - CEPC Drafting standards are built on a portfolio of requirements for the preparation, distribution, and control of all drawings generated for the client. Drawings shall be prepared and presented in a professional manner in conformance with client standards. The Project Manager and verification process will ensure that the most current version of all borders, layers, blocks, standards, etc. are provided and utilized on all projects.

Numbering and naming of pipelines, valves, and drawings shall be provided by client unless directed otherwise. CEPC shall be the custodian of all original drawings and databases including electronic media/files. All work completed shall be returned in modifiable CAD format.

All drawings shall contain the level of detail necessary to efficiently construct, commission, operate, maintain, document, and upgrade the facility. As drawings serve many purposes (in addition to construction documents), they shall be completed in conformance with all requirements of the standard.

Cathodic Protection & Corrosion Prevention - Cathodic Protection, when paired with other corrosion prevention practices (sufficient coatings, AC mitigation, etc.), is successful at preventing corrosion and prolonging the design life of a company's assets. CEPC offers many in house services that assist our clients with preventing corrosion on their systems. Below is brief listing of the services offered:

- Corrosion Engineering Services- NACE Certified
- Cathodic Protection Design Services- NACE Certified
- Annual Cathodic Protection Read Services (Native/100mV, Polarized/Instant "Off", and "On" surveys)
- AC Mitigation Design and Installation
- Cathodic Protection System Audits & Documentation Support
- Cathodic Protection System Analysis and Behavior Graphs
- Soil Resistivity Surveys (4-Pin Wenner, Colin's Rod)
- Indirect Corrosion Surveys (CIS, DCVG, ACVG, PCM, or similar)
- Test Lead Installations

- Anode Installations
- Rectifier Design and Installation
- Deep Well Anode Design and Installations
- Corrosion Root Cause Analysis
- Cathodic Protection Advanced Trouble Shooting
- Integrity Inspection- Corrosion Pit Mapping
- External Corrosion Direct Assessment (ECDA)
- Internal Corrosion Direct Assessment (ICDA)
- Internal Corrosion Threat Assessment

CEPC offers these services as turn-key or can adjust to meet client needs. Specific project references and employee resumes are available upon request.

PIPELINE INTEGRITY MANAGEMENT

CEPC is a turn-key provider of pipeline integrity management services. Our experienced staff of engineering and field service professionals has worked with liquid and gas operators of all sizes to insure safe operations and regulatory compliance. We have hands-on operations and consulting experience developing and implementing pipeline integrity management programs, performing integrity assessments (ILI, PT, and/or ECDA), HCA/Class Location studies, MAOP validation initiatives, and GIS/Data Solutions.

Transmission Integrity Management Support - Pipeline integrity services we perform:

- Regulatory Compliance and Audit Support
- Gap Analysis
- Data Integration
- GIS Mapping Solutions
- HCA / Class Location Analysis
- Spill / Dispersion Modeling
- Pipeline Risk Assessment
- Selection of Integrity Assessment Method with Prioritization of Projects
- Performing Integrity Assessments (ILI, Pressure Testing, and/or ECDA & ICDA)
    - Turn-Key or SME Support including "Make-Piggable" Design Engineering
- Evaluating ILI Anomalies to Create Repair Plans or Verification Dig Plans
- In-Ditch Inspection for Verification Dig Measurements or DA Examinations
- Perform Pipeline Repairs or Replacements
- Prevention and Mitigation Measures
- MAOP Validation
- Training
- Temporary staffing

For tasks such as HCA impact analysis, risk assessment, and integrity assessment (tools), CEPC has the capability and experience to support third party/client software, or we can provide a solution through one of our teaming partners. In addition, we work with and/or have contracted with virtually all of the major tool vendors and field service providers.

CEPC offers an integrity management team that is intimately familiar with the Department of Transportation and state pipeline integrity management regulations. Our experience developing gas and liquid integrity management programs, and in assisting operators through the PHMSA comprehensive audit process gives CEPC the unique ability to deliver the most cost-efficient solution.

In-Line Inspection - CEPC has a team of project managers and project engineers that are primarily focused on performing In-Line Inspections for our clients. We are equipped to assist with every step in the process, from providing complete turn-key services, involving facility design/upgrade to accommodate today's smart tools, through vendor selection and tool tracking. Our team has performed hundreds of In-Line Inspections on pipelines ranging from 4" to 36" in diameter. CEPC can provide full support from a Project Management perspective that includes detailed ILI Project Plans, designed to layout run sequences and desired objectives, project schedules and contingencies. We have developed relationships with the major tool vendors that allow us to provide customized solutions to meet client requirements and schedules.

Prior to and during In-Line Inspections, we have personnel trained to use Trimble GPS equipment and software to acquire high resolution GPS data on the line and provide this information to the tool vendor to assist in their analysis of the data collected during the run. The data collected includes AGM (Above Ground Marker) locations that are preset by our engineers, facility layout including valve sets and launchers/receivers, and features of importance that include bends, exposures and casings. When performing an In-Line Inspection, we are on site directing personnel during the launch/receipt of the tool, as well as coordinating the tracking efforts to continuously monitor the status of the tool while traversing the pipeline.

Following a successful In-Line Inspection, we are also well versed in the analysis of tool data to work with our clients to prepare repair plans that meet the requirements set forth in CFR 192 Subpart O & 195.452, along with additional client specified repair criteria. We perform remaining strength calculations on anomalies utilizing ASME B31G, Modified ASME B31G and RSTRENG to determine failure pressures and safe operating pressures.

Ensuring our clients are in compliance with all federal regulations is an important part of the services we provide. Upon execution of the repair plan, we can provide field inspection services to document the condition of the pipe with Buried Pipeline Inspection Reports. We also ensure proper remediation techniques are followed, where applicable. Finally, once all field activities have been completed, a Job Book, including Project Completion Report, is created that documents every facet of the In-Line Inspection and provides the information required in the event of an audit.

Strength Testing - CEPC has multiple engineers that have completed the client STPR training module. We have created STPR and hydrotest documents for over 70 projects along with providing detailed engineering field support for projects in construction.

In addition, over the past 5 years CEPC has been directly involved in the hydrostatic testing of over 1200 miles of steel pipelines of various diameters. This involvement includes design, test plan development, and/or construction management of the tests for both oil and gas lines for various clients across the country. In addition, CEPC's engineers have a thorough understanding of the testing requirements of CFR 192 and 195. Upon completion of the hydrostatic test, CEPC will

provide the client a comprehensive documents package which ensures the data is traceable, verifiable, accurate and complete.

GIS / Regulatory Reporting - In addition to their FERC filings and NPMS updates, gas transmission pipeline operators are directed to report out on their assets yearly as part of Pipeline and Hazardous Materials Safety Administration (PHMSA) regulatory compliance requirements. We have successfully worked with local, city, county, state and CPUC on numerous projects over the last 10 years. Our staff has developed excellent relationships with agencies in California, allowing for productive and timely regulatory approvals.

CEPC's team of GIS and Data Management professionals have been involved in fulfilling these reporting requirements by leveraging GIS data for initial gap analysis on each project to ensure the programs and processes are acceptable according to regulatory standards. The incorporation of comprehensive feature level data used to confirm the MAOP of the transmission pipeline system has proved very effective. This unprecedented effort results in a dataset that geospatially locates every pressure containing feature on the pipeline system and ties each feature to documentation that validates calculations used for establishing operating pressures. During the project, the work is continuously audited to ensure compliance.

The coordination of pertinent datasets such as HCA, Class Location, and completed Integrity Management projects along with physical pipeline characteristics can be a challenge. CEPC has led this effort for multiple pipeline operators and through our leadership within the GIS projects, we have developed and incorporated into the designs, best management practices that meet the requirements of multiple agencies to provide a turn-key solution that achieve the revised and expanded yearly reporting requirements of PHMSA while meeting the regulatory deadlines.

CEPC solutions to timely permit approvals and reputation among agencies for competence and integrity that has served us well. Knowing not just what agencies want, but what they can accept is a differentiator that CEPC can provide benefit and cost savings to client.

Maximum Allowable Operating Pressure (MAOP) Verification - CEPC's experience in engineering and managing compliance to these programs entails performing review of design, construction, inspection, testing and other related data to establish MAOP and MOP per each pipeline asset. The Engineer must ensure that the records used are reliable, traceable, verifiable, and complete. If the engineering document and records search, review, and verification cannot be satisfactorily completed, the operator cannot rely on this method for calculating MAOP or MOP and must instead rely on another method as allowed.

CEPC is a full-service provider for complete MAOP Verification Programs and is currently working with three other major pipeline utilities in this capacity (one in California). We have extensive experience working with both gas and hazardous liquid pipelines in determining whether records are adequate to support operating parameters and conditions on their pipeline systems or if additional action is needed to confirm those parameters and assure safety. CEPC performs project management, project controls, records gathering and management, records mining, records adjudication, and detailed MAOP calculations based on our proven propitiatory MAOP Calculator Spreadsheet.

Class Location Studies - Class Location Studies for Natural Gas pipelines as defined in CFR § 192.5 include applying specific buffers (100 and 220 yards) to the pipeline; classifying residences, other buildings, and possible gathering places; and finally applying the traditional sliding mile to the pipeline to determine the Class Location of a given section of pipe.

The regulatory requirements stemming from this exercise, however, are evolving rapidly – especially in California. As comprehensive verifiable, traceable, and complete pipeline records are required for MAOP validation, the location of changes in class location must now be tracked at a more precise level than ever before. An individual pressure calculation relating to the design factor tied to Class Location must be performed on each pressure containing component of a pipeline system. This means the work downstream from the Class Location Study becomes more complex as many gas pipeline systems have experienced tremendous population growth since they were originally designed and installed. A current-day Class Location Study and its associated house/building counts, centerline buffering, and classification operations must be supplemented with real-time analysis capabilities which take into account the original specifications and comprehensive traceable, verifiable and complete records of the line pipe and associated pressure containing features. In this way, safe and compliant operation of the pipeline system is ensured at all times.

The CEPC experienced gained from incorporating the latest Class Location data from recent studies coupled with the latest comprehensive feature data for each section of pipe at client has put CEPC at the forefront of performing both Class Location Studies and the associated MAOP validation. Also, this Class Location expertise has provided valuable information to clients who look to validate operation of gathering assets in a pre-design setting. Our thorough knowledge of Federal Code has led also led to design and routing changes resulting in saved time and money for multiple clients.

FIELD SERVICES

CEPC provides its customers with a variety of field services. For turn-key projects, full construction services are provided. Individual services we can provide include: construction management, craft inspection (all pipeline disciplines), pig tracking, flow measurement, anomaly 'in-ditch' assessment, pressure test certification, and as-building. We perform needs assessments with our customers in order to provide a customized solution.

Inspection Services - Inspection responsibilities experienced by CEPC in performance of previous construction Inspection roles are outlined below:

- Provide site coordination between the execution contractors
- Provide site liaison with government, industrial and business institutions and authorities as required
- Review the execution contractors proposed use and allocation of common temporary facilities
- Inspect the mechanical contractors field performance

During the early stages of a project, the CEPC Construction Manager will begin working with the client to establish and implement an optimum inspection strategy that compliments the construction schedule. This early input is important in order to ensure that the plan will fully support the preferred construction strategy.

- General Construction Inspection - check for contractor conformance to the project specifications, drawings and codes, any discrepancies shall be immediately brought to the attention of the Lead Inspector and documented in the Daily Construction Status Report
- Piping Inspection - Completed in accordance with the latest version of the client Construction Standards, CFR 192, 195 (as applicable) and ASME B31.3, B31.4 or B31.8 the latest edition of API 1104- and, ASME Section IX as applicable. Review Isometric drawings upon receipt and ensure they agree with P&IDs. Identify any constructability issues and relay those to the Lead Inspector. Verify that Material Test Records and Hot Tap forms are appropriate for the piping specification. Confirm all welding procedures, OQ's and pressure bearing seams are approved and appropriate. Actuation and piping tie-in dimensional verifications.
- Non-Destructive Testing of Pipe - Inspection personnel will be competent in reviewing the necessary NDE (Non-Destructive Examination) methods used throughout the project.
- Pressure Testing of Pipe - Testing of pipe will be performed according to the client requirements in the project specifications and drawings. The results of this testing will be documented and recorded using applicable forms. If a pipe pressure test results in the failure of the pipe, it shall be documented.
- Existing Pipe Exposure - Verify that One Calls have been made and that lines have been marked and contractors are aware of those lines. Ensure all pipeline owners are notified prior to exposing lines. Ensure excavation safety around existing pipeline, underground utilities and overhead structures are followed.
- Civil Inspection - Ensure soil compaction and concrete requirements as designated by engineer or client standards are met and documented. Monitor arrangements for heavy equipment inspections.
- Electrical Inspection - Verify that all electrical equipment is built for the area classification and installed per the latest revision of NEC and in accordance with the area classification. Verify all wiring is properly labeled and sized. Ensure any heat tracing, CP and/or grounding is properly specified/installed.
- Instrumentation & Controls - Discuss instrumentation checkout requirements at the start of the project. Properly calibrated / tested instrumentation, proper safety detectors, alarms, power supplies, shutdown, control set points and measurement information is available and accurate.
- Equipment & Materials - upon arrival of procured equipment and materials at the job site, document the receipt, condition and confirm agreement with required specifications. If any damage or quantity discrepancies exist, the Inspector shall immediately communicate with the Lead Inspector for resolution. If the Inspector determines that there is a shortage of procured equipment and/or materials require expediting to prevent a schedule slippage, the inspector shall indicate the item and required delivery date and inform the Lead Inspector.

Regular coordination meetings between all Inspectors and the Project Manager site visits will ensure the Project activities are in alignment with the goals and track progress / needs of the Project Team and objectives.

Codes, Operator Qualification & Training - All client requirements will be adhered to and all Inspectors will have an adequate level of Operator Qualifications training based on their

responsibilities. Each of the Inspectors will document each mechanical contractor, the task assigned to each contractor and the type of training received.

Constructability Reviews - The Construction Manager will propose and agree construction department deliverables to be produced schedule the production of the document deliverables and then lead their production. This process will address:

- Achieving the required safety standards. (Further developed in the safety plan)
- The strategy for achieving the required quality
- The likely source of labor and the strategy for complying with local requirements
- Constructability
- Site Survey Report
- Risk Assessments
- Proposed working hours & Contracting Strategy
- Construction sequence
- Labor Productivity Strategy
- Strategy for storage and maintenance of materials
- Heavy equipment transport and lifting strategy
- Source and size and distribution points of required utilities
- Source and transport and storage of bulk materials
- Waste and surplus materials disposal plan
- Security plan for people and materials
- Training for the construction workforce
- Mobilization and demobilization

Included below are some of the Inspection areas of work and an example of the details that will be covered in the Project Specific Execution Plans:

Permitting Services - CEPC is a provider of regulatory compliance services and environmental regulation permitting and today more than ever, are a major factor in the design and construction of project in the petroleum, petrochemical and chemical process industries. The relationship between facility design and environmental regulations is complex and that's why CEPC's Engineers serve as an integral part of the project design team and in permitting. They are effectively able to integrate the requirements of environmental permits with the engineering design.

Our team of compliance professionals are experienced in site selection, due diligence and environmental permitting which include individuals in the development, implementation and auditing of liquid and gas pipeline Operations and Maintenance Manuals, Integrity Management Plans, Public Awareness Plans and other programs mandated by the 192 and 195 regulations and State agencies. Our staff has participated in numerous PHMSA and state audits and has conducted multiple internal audits of programs for our clients to ensure regulatory compliance.

We have hands-on operations and consulting experience developing and implementing programs in accordance with industry regulations, standards and best practices.

- Program compliance audits

- Preparation of responses and corrective actions as a result of internal and external audits
- Documentation review and evaluation
- Manual re-writes and/or evaluations
- Evaluate results of audits/inspections and make recommendations
- Environmental and Natural Resources Permitting, including Federal, State, Tribal and Local Agencies
- Annual compliance filings
- Emergency Response Plans CEPC works with its clients to evaluate all available data so that a true needs assessment can be performed.

Program and manual modifications are essential to meet/address changes with regards to the regulations and the client. CEPC continuously reviews and works with its clients to maintain current and relevant programs. When conducting audits of programs, CEPC utilizes current audit protocols and the latest findings and issues from PHMSA and relevant state agencies.

Greenfield projects require many environmental surveys and permits prior to any construction taking place. CEPC has personnel experienced in evaluating proposed project sites and/or routes and can manage and coordinate all permitting activities. Environmental and Natural Resource permits are necessary for many projects, and CEPC will work diligently with the appropriate Agencies to acquire the permits in a timely manner.

PROJECT DISCIPLINE SUPPORT

Included in the following are some of the consulting services we provide specific to the fields listed above.

Estimating - The Estimating Department prepares cost estimates in accordance with the technical and commercial requirements of contracts. Estimates are prepared using a consistent code of accounts, which enables easy interpretation into project control documentation for control and trending of costs, throughout the project. CEPC will utilize our code of accounts database by incorporating the specific equipment and costs into our standardized template. We will maintain this uniform database as standard to this project by incorporation of the unique equipment and activities by description and costs for client's review and approval.

Engineering definition, vendor quotations with In-House estimating data and detailed take-off utilizing additional computer assistance with engineering and purchasing input as requested sets out the classification of a definitive estimate and summarizes in general terms the scope.

CEPC Construction is responsible for working with estimating in preparing cost data related to indirect charges for: materials / tools, labor supervision, field office personnel, temporary facilities, nonproductive time, payroll burdens and other items of cost related to field expenditures.

Additionally, full development of costs for Home Office Services in line with commercial proposal contract terms and conditions and introducing all additional costs of indirect services for formulation of control budget will be included.

Quality Assurance /Quality Control – CEPC maintains an integrated Corporate Quality Policy Management System which is ISO 9001:2015 Certified. The System encompasses the toughest industry standards and execution models.

Our approach benefits from a comprehensive database relating to similar project execution which utilizes the following tools:

- Quality Policy: emphasizes our management's commitment to customer satisfaction, quality requirements and performing work in a safe, efficient, cost effective and timely manner.
- Quality Manual: the road map for our System. Controlled document, to address elements of the industry requirements and its implementation for effectiveness.
- Quality System Practices: provide departments with details and instructions for the consistent application of requirements.
- Departmental Procedures: documents describe organization, positions, processes conducted and responsibilities/interfaces with other departments.
- Engineering Standards: specific requirements for materials, operations, testing, and service conditions of designed and/or installed equipment together with customer requirements, form the basis of project job specifications.
- Quality Audits: provide for the systematic review in accordance with activity and audit schedules.
- Project Quality Plan: establish the level of expected detail on all drawings and specifications; establish the specific codes and standards applicable to all engineering work; establish the level of submittal reviews desired,; establish the degree of early review and procurement action; establish the detail of documentation required at project commissioning and completion; establish the specific necessity and detail in project data books; plan specific project communication sessions addressing quality performance; assign specific tasks to team members that ensure all standards are met.

CEPC also uses "Lesson Learned", a debriefing tool that allows us to continuously improve our project execution and management skills. CEPC has developed and implements a comprehensive suite of Field Operation practices, systems and procedures. The basic responsibility for the quality team on site may be summarized as follows: Monitor the quality of construction work in accordance with the Site Quality Plan, Contractor method statements and Inspection and Test Plans. Monitor and ensure a comprehensive record of documentation of work is maintained. Audit receipt of the latest revision (AFC drawings, procedures, specifications, work orders, requisitions, etc.). Monitor to ensure that the proper control of changes is brought about by Field Discrepancy Reports, Concession Requests and Non-Conformance Reports. Audit that site is in receipt of test certificates which require documentation by code requirements. Audit that site is in receipt of copies of vendors certs for electrical material, which call for conditions of use certificates. Carry out audits on construction activities verifying compliance with the Site Quality Plan, Contractors Method Statements and Inspection and Test Plans. Verify that all Project Specifications for inspections are captured within the ITPs. Verify that items that do not conform have been corrected and correctly recorded. Check that Completion and Handover procedures are agreed to with Sempra Energy Utilities and that the records for the work are being accumulated and indexed in support of a phased, systematic acceptance of the facility. Prepare and distribute reports on audit. Attend site meetings and ensure that site quality introductions are carried out for any contractor personnel. Our Program

encompasses Gas Operations and every major work stream and will create a quality culture in all phases of the project.

Subcontracting & Procurement Services - CEPC's mission when subcontracting is to proactively support the project by exercising the utmost proficiency in subcontracting methodology while maximizing execution and minimizing risk.

CEPC typically self performs greater than 90% of its engineering and professional support services. At times, third parties will be engaged as subcontractors to fill a specific client/project need. Examples include: specialty design or analysis and geotechnical services.

CEPC doesn't self-perform construction or manufacture products/equipment. As such, construction is subcontracted, and materials/equipment is procured from our network of suppliers. CEPC has significant subcontracting experience to provide the safety, value and quality client requires. Consistent interfaces with major contractors, design firms and other licensed organizations allow CEPC the latitude and ability to focus on providing the expertise for this project. This enables CEPC to proactively support client by exercising the utmost proficiency in subcontracting methodology while maximizing execution and minimizing risk to fully meet Project expectations.

- CEPC currently has 1500+ vetted vendors
- Tier II Diversity Spend Program
- Preferred Vendor Program
- Specialty Engineering & Field Services Support

The Subcontract efforts will be managed and coordinated with engineering, project control, estimating, engineering disciplines, project engineering, construction, client, and suppliers to ensure that all facets of subcontract operations are accomplished in a timely manner and in accordance with the project guidelines.

CEPC has an extensive background and 25-year industry experience in planning and executing major procurement programs through utilization of experienced and dedicated procurement professionals and are committed to providing the most effective solution to our clients encompassing the best quality, delivery, and total cost achievable.

CEPC Procurement activities in generally include strategic sourcing, supplier qualification, preparation and issuance of bid documents, tabulation and evaluation of proposals, negotiations, development of purchase recommendations, issuance and administration of work orders (through close-out), material and design submittal, expediting, inspection, logistics, and material management as required.

The involvement of CEPC depends on the commercial terms of the contract. However, outlined below is typical CEPC Procurement role for Engineering support services:

- Approve the execution contractors' procurement policy and procedures
- Approve all purchasing recommendations by countersigning the execution contractors' bid summaries to certify that:

- Bid summary portrays a comparison of the significant elements of the order, technically and commercially
- Delivery is in accordance with the schedule
- Cost is within budget
- Commercial terms are acceptable within project policy
- At least three acceptable bids have been received have been fully evaluated and ranked in accordance with the client's restricted tendering procedures

- Ensure that the Material Control Program is used
- Continuously Monitor the Execution Contractor's Performance in accordance with the approved Procurement Procedures
- Provide Guidance for Standardization of Equipment, Procedures and Policies if advantageous to the project
- Perform Contractor/Supplier Audits and Source Inspection for Identified Critical Material

CEPC's mission when purchasing materials or managing subcontracting is to proactively support the project by exercising the utmost proficiency in procurement and subcontracting methodologies while maximizing execution and minimizing risk.

Safety, Health & Environment - CEPC utilizes industry leading programs and processes to ensure every employee receives the appropriate training to completely understand his or her HSE roles and responsibilities for safe execution of the work. Continuous reinforcement of provided training and promotion of HSE awareness and motivation at all levels of participation is standard.

CEPC shall develop a specific plan, in consultation with client identifying focus areas for improving overall value of the Project and a strategy for executing the HSE plan. The safety-related activities normally include, but are not limited to the following:

- Mechanical Review of the Equipment Operation and its associated Hazards
- Accessibility Reviews
- Operational Reviews
- Construction Logistics Reviews as they relate to safety,
- Continuous Safety Training for all Employees including Subcontractors.
- Constructability Reviews for Safe Construction Methods and Equipment Location.
- Enforcing Safety Qualifications for Subcontractors to be selected for the work at the site.

Design Safety activities are performed throughout the execution of a project, to effectively achieve the Project Performance Goals of zero incidents and zero injuries.

Project Controls / Scheduling - Our project control tools have the flexibility to coordinate planning and schedule activities providing information to match client's specific requirements as well as our own. CEPC will utilize the client's project management process and tools to plan, monitor and report total scope from individual deliverables to overall project. CEPC's recent project experiences have allowed us to customize and modify our Projects reporting systems to meet the needs and requests of each project. Our development of encompassing, flexible tools to generate, compile, process, control and report information will be of particular benefit to the client.

- Cost Control - is achieved by setting budgets, derived from the estimates, which are issued to key project personnel, identifying trends early, accurate forecasting and active management of costs to ensure successful execution of the work within budget. These well-established methods are outlined below.

    - Budgets - Promoting cost awareness is a critical element in achieving effective project cost control
    - Cost Forecasting and Monitoring - A key Cost Engineering activity through all phases of the project with the emphasis on early identification of trends and visibility for management
    - Cost Reporting - Cover budget, commitment and forecast and will reflect current project status
    - Productivity - Productivity is measured by comparison of earned hours (i.e. budget times progress achieved) with actual hours expended

- Project Schedule - For the first issuance of the schedule, the Baseline and Current schedule will be identical. As work progresses, we will have the ability to report the baseline versus actual dates and their effect on the overall duration of the project. Upon completion of the update, the critical path, summary schedule and detail CPM are submitted to the project team for review and comment. The Monthly Reports will be formally issued to client no later than 10 days after the end of the month. The Monthly Project Report is developed on the basis of information obtained from a multitude of sources and references, and will include the following:

- Project Progress Reporting - Included in the following is a listing of project reports CEPC will compile and publish during the execution of the Project.

    - Progress Report by Discipline - This will be done at the work-plans level and will identify progress by deliverable type.
    - Detailed Bi-Weekly Progress Report - CEPC shall submit bi-weekly Progress Worksheet under the authority of the CEPC Project Manager on the basis of work carried out up to the cut-off each two-week period. This activity will cover the life of the contract, from the initial contract award through the financial controls during execution and completion.
    - Progress Measurement / Earned Value Status - Progress will be measured according to actual physical work accomplished. Networks will be updated regularly to check the viability of project completion dates and key project milestones. Timing of this will be on a regular basis as agreed with the NIPSCO Representative.
    - Critical Issues Report - A "1-Page" report highlighting key operational areas.

- Document Control - The Document Management and Review System (DMRS) provides a register of all project deliverables, including vendor documents, and provides an auditable means of measuring progress either across the total project or within individual disciplines or work packages. DMRS is designed to manage documentation in any format, paper, scanned image or electronic files. It has facilities to manage all technical documentation on a project including In House Design Documentation, Vendors Documentation, NIPSCO Documentation and Construction Documentation. All documents will be recorded and

tracked utilizing a Document Index Schedule which lists the documentation to be supplied together with the planned submission dates and revision number.

- Change Management - CEPC maintains a flexible execution approach recognizing that changes will occur. Drawing on the resources of our growing organization, efficient, compliant and beneficial solutions will be developed to meet project challenges.

Within our execution plan, a contract change procedure will be agreed to with the client which will operate throughout the project. The change control system will ensure that the scope of work is adhered to and that no work is commenced on variations or deviations to scope without prior approval by the client.

The change control system is intended to be forward looking, acting as a tool for control and ensuring early notification and consideration of the implications of any proposed changes, in particular their effect on Target Price and scheduled completion dates.

REPRESENTATIVE PROJECTS

The following pages depicts our representative project as well as our subcontractors.

THE TUNNELING COMPANY

KAMLOOPS | OFFICE
10085 Dallas Drive, Kamloops, BC V2C 6T4

MAIN 250 573 7814 | CROSSINGGROUP.COM

The Tunneling Company Inc.

PROJECT EXPERIENCE - MICROTUNNEL

Contents

1.0 EXECUTIVE SUMMARY

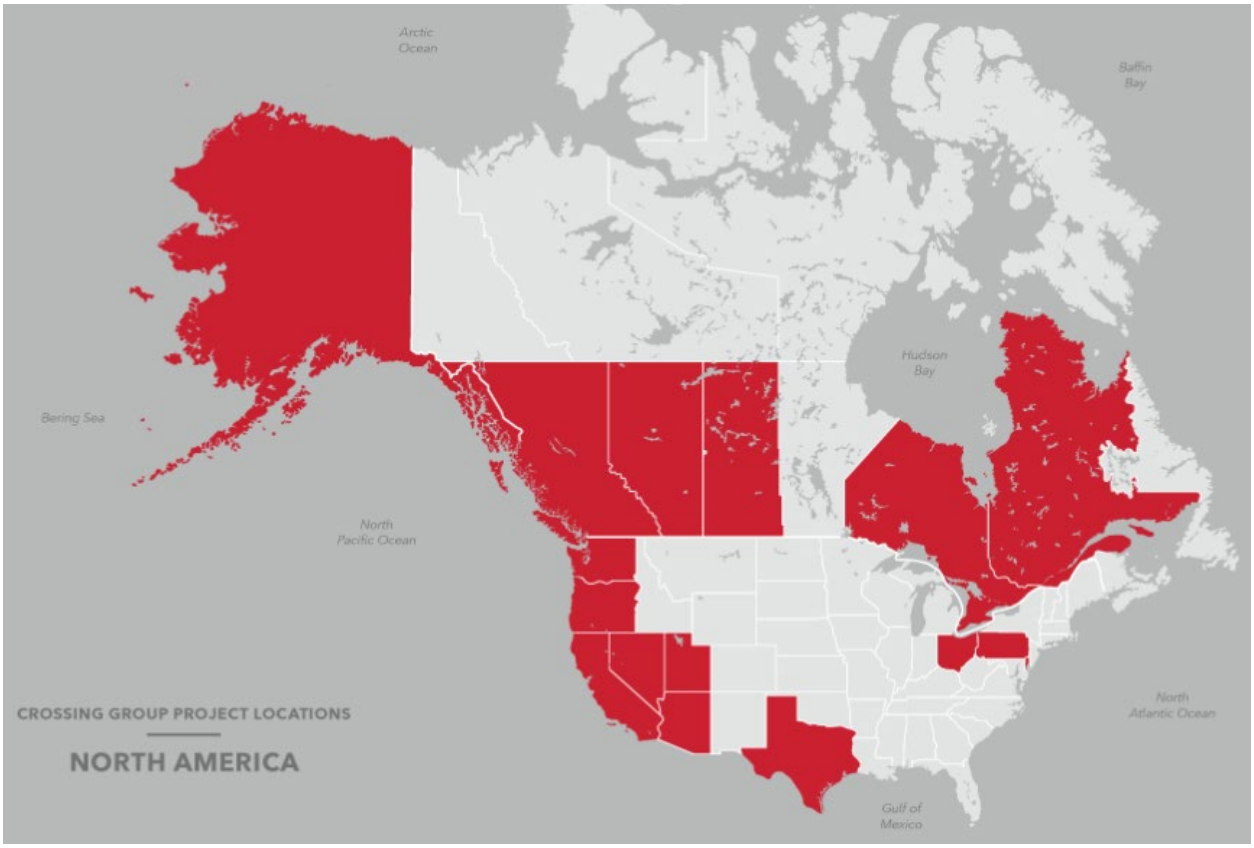
The Tunneling Company Inc. (TTC), previously known as Kamloops Augering & Boring, incorporated in 1976 and began developing trenchless expertise primarily with cased crossings. We have grown into a multi-disciplinary company that is able to carry out various complex trenchless projects within various industries including municipal, pipeline and federal. TTC is a division of the Crossing Group, an industry leading trenchless group that is continually expanding the limitations of trenchless construction.

Our technologies are used for the installation of all types of utilities under roads, railways, rivers, congested areas, environmental sensitive areas, alternates to deep open cuts and many other applications. Our technical sound and cooperative approach have allowed us to grow into one of the most experienced trenchless contractors in Western North America. TTC has participated in innovative projects throughout North America.

Trenchless Services include:

- Guided boring
- Auger Boring
- Pneumatic Pipe Ramming
- Utility Tunneling/ Tunnel Boring
- Rock Boring
- Pipe Jacking
- Hydro Hammer
- Microtunneling

We provide engineers & contractors with budget information and trenchless installation options to match projects with the most feasible installation methods. Our team's combined experience is exceptional.



2.0 RELEVANT EXPERIENCE

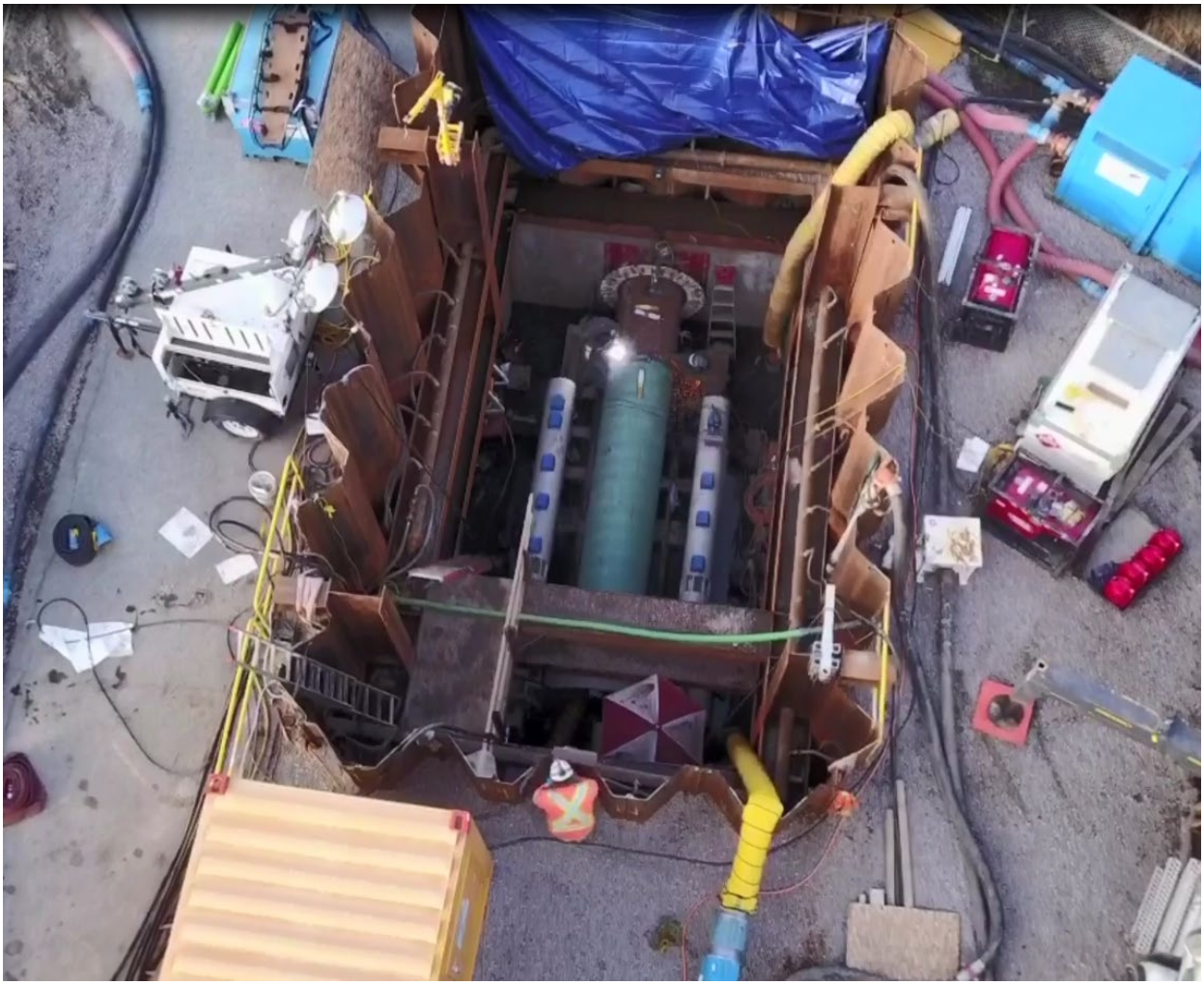
2.1 – Project #1 – BC Hydro – Arnott Substation Feeder

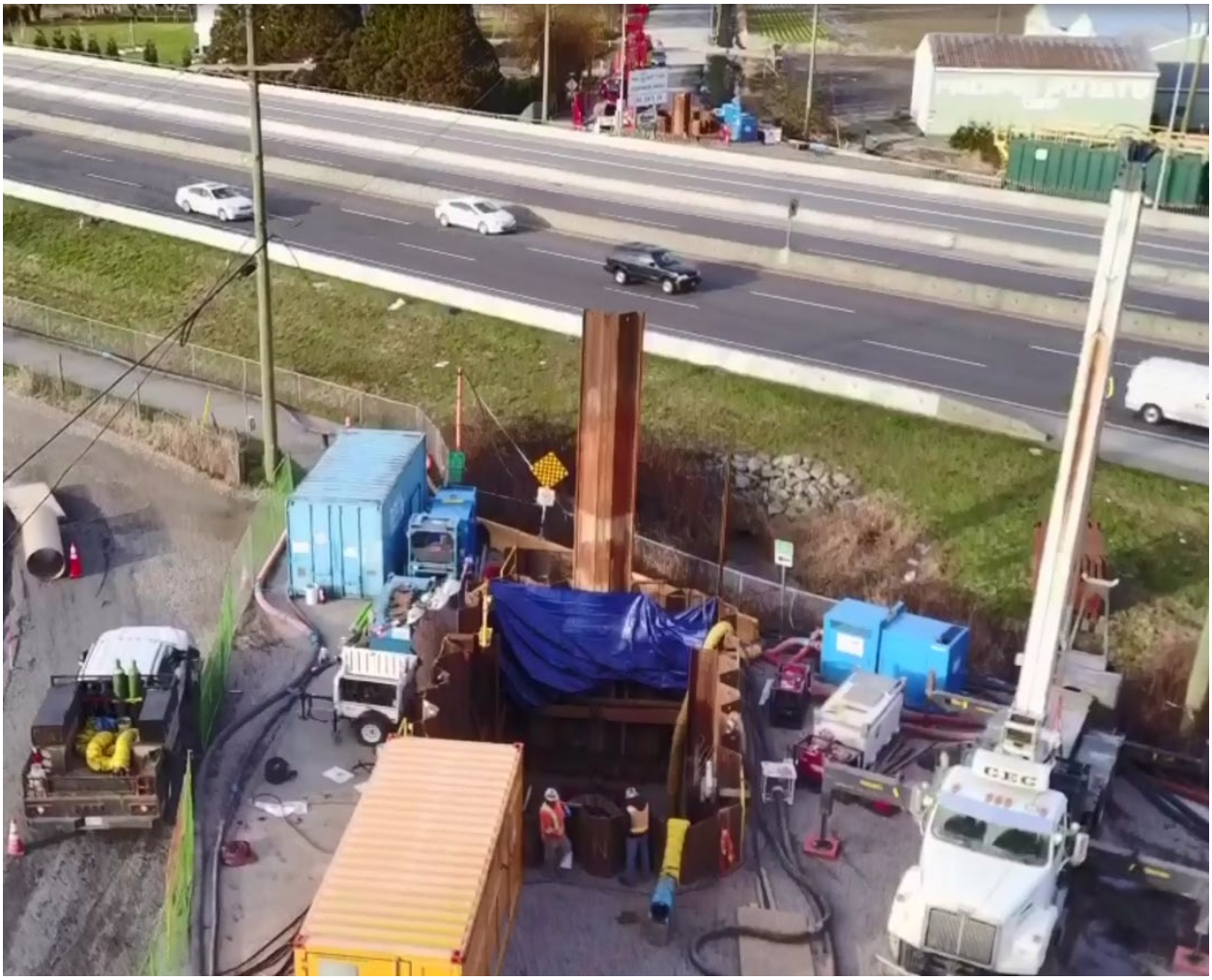
Date: July 2019
Location: Delta, BC
Contract Value: $ 1,936,571.00

Owner:	BC Hydro
Client:	Targa Contracting
Contact Name:	Randy Herber
Phone:	604-881-7157

2.1.1 – Project Description

Methodology:	Microtunneling
Casing Diameter:	42” (1067mm)
Crossing Length:	367 LF (112m)
Ground Conditions:	Sand, below water table. Crossing completed under HWY 99.





2.2 – Project #2 – City of Coquitlam – Underground Duct & Structures

Date: March 2020
Location: Coquitlam, BC
Contract Value: $ 1,900,000.00

Owner:	City of Coquitlam
Client:	Fred Thompson Contractors
Contact Name:	Joe Huynh
Phone:	604-435-7665

2.2.1 – Project Description

Methodology:	Microtunnel
Casing Diameter:	42” (1067mm)
Crossing Length:	377 LF (115m)
Ground Conditions:	Gravelly sand with cobbles, till, sand, clay, below water table. Completed the crossing under the Coquitlam River. Strict environmental requirements were implemented and mitigated any adverse effects on the fisheries habitat.

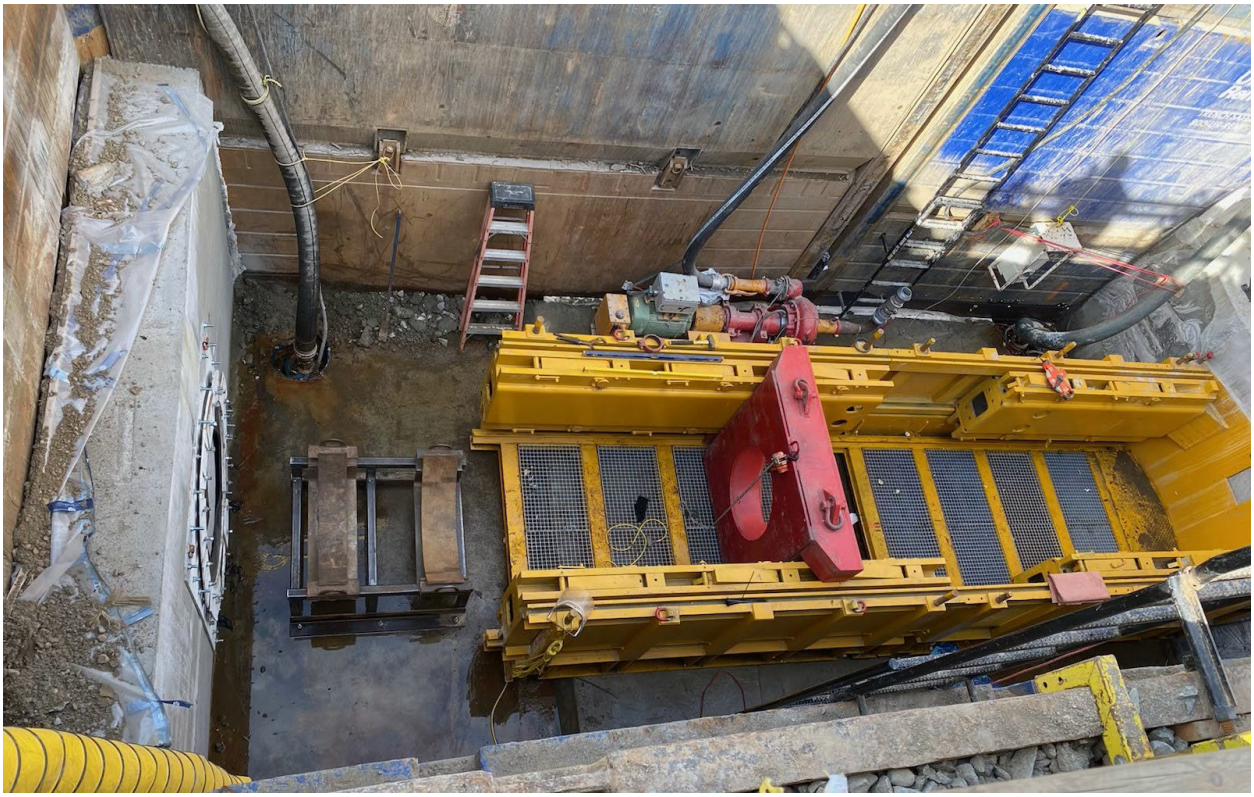
2.3 – Project #3 – 30” Raw Waterline Casing – 2 Tunnels

Date: April 2021
Location: Kitimat, BC
Contract Value: $ 1,346,000.00

Owner:	LNG Canada
Client:	Ledcor
Contact Name:	Hayden Smith
Phone:	604-319-3784

2.3.1 – Project Description

Methodology:	Microtunneling
Casing Diameter:	48” (1200mm)
Crossing Length:	2 Drives - 197 LF (60m), 183 LF (56m)
Ground Conditions:	Gravelly sand with cobbles, till, sand, clay, below water table. Crossing in downtown Kitimat under existing pipeline and main access road to LNG plant.




United Rentals
United Rentals
TRENCH SAFETY
800-UR-RENTS

2.4 – Project #4 – TMEP Spread 5B – Microtunnel Under BC Hydro Penstock

Date: September 2021
Location: Agassiz, BC
Contract Value: $ 675,160

Owner:	Trans Mountain
Client:	Macro
Contact Name:	John Ogilvy
Phone:	587-229-8413

2.3.1 – Project Description

Methodology:	Microtunneling
Casing Diameter:	42” (1050mm)
Crossing Length:	100 LF (30m)
Ground Conditions:	Mixed face conditions from sandy, clay to mudstone and sandstone geology. Crossing under operational BC Hydro Penstock.


THE TUNNELING COMPANY

CROSSING GROUP RELEVANT EXPERIENCE

1. Ala Moana Force Main Project for City of Honolulu in Hawaii. Project included 15,000 feet of dual force mains installed by microtunnel. The initial Permalok Steel Casing was nominal 84 inches with a 72 inch Hobas carrier pipe inside and fully grouted. The project included multiple shafts constructed at depths up to 120 feet deep. The two shafts on either side of Honolulu Harbor were over 120 feet deep and constructed using a Herrenknecht Vertical Shaft, (VSM) excavating without dewatering the entire depth and installing 10 meter inside diameter concrete sections. The geology was sand, silts, coralline and solid rock. The project cost was over 117 million dollars US and to date is still the largest dollar microtunnel only project done in the US.
2. The Beachwalk Force Main Project for the City of Honolulu in Hawaii was a single pass series of shafts and microtunnels done under the historic Ala Wai Canal in downtown Waikiki Beach. This project involved shaft construction that did not allow for dewatering of the shafts or the alignment. This project used nominal 72 inch Hobas and Meyer jacking pipe. The project included the first single drive double curve microtunnel completed in the US and the project cost was approximately 50 million dollars US.
3. I was on the design team for the microtunnel work on the Government Cut tunnels as part of the Dragados team. At the time this was the largest design-build project the Miami-Dade County Water and Sewer Department (MDWASD) had undertaken and the first to be completed under the federal and state Consent Decree to upgrade the County sewer system. The two microtunnels we designed were at an average depth of about 80 feet out of watertight shafts. The ground was similar to what would be planned for the Key West Project and mostly coralline with possible voids. Our plan took all of this in to account.
4. I was on the Dragados design build team for the Norris Cut tunnel project for Miami Dade Water and Sewer Department, (MDWASD). The Miami-Dade Water and Sewer Department (MDWASD) Norris Cut 60″ Force Main/Micro-Tunnel was a design-build project consisting of 5,300 linear feet of 84 Permalok steel casing, (our design alternate) with a 60-inch diameter HOBAS carrier pipe inside. Our design included one single drive microtunnel from the sewage treatment plant to Fisher Island. The ground conditions were a challenging mix of coralline with possible voids that would require injection grouting as tunneling progressed

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ROCKFORD CORPORATION
COMPLETED PROJECTS

Project Name	McCravey & Bridgeline
Client	Williams
Scope	7.8 Miles of 24" & 16"
Subcontractor percentage	14%
Completion Date/On Time	August 2021; Yes
Client Contact	Andrea Moore, Contract Manager, (412) 639-1954
Contract Amount	$16M
Project Name	M2E3 Seg. 4
Client	Enterprise Products
Scope	77.9 miles of 36" including 5 HDDs near Burnet, TX.
Subcontractor percentage	31%
Completion Date/On Time	September 2020; Yes
Client Contact	Matt Moehlers, Senior Project Manager (713) 381-4164
Contract Amount	$153M
Project Name	M2E3 Seg. 7
Client	Enterprise Products
Scope	59 miles of 36" including 21 HDDs near Houston, TX
Subcontractor percentage	32%
Completion Date/On Time	August 2020; Yes
Client Contact	Tim Glass, Construction Manager (936) 661-5712
Contract Amount	$114M
Project Name	Manassas Loop Project
Client	Williams Transco
Scope	7 Miles of 42" in Catlett, VA
Subcontractor percentage	10%
Completion Date/On Time	August 2020; Yes
Client Contact	Gregg Mann, Project Manager (832)627-4175
Contract Amount	$35M
Project Name	South Mainlin Expansion
Client	Kinder Morgan
Scope	17 Miles of 30" in El Paso, TX
Subcontractor percentage	12%
Completion Date/On Time	May 2020; yes
Client Contact	Vickie Gibson (719) 520-4205
Contract Amount	$15.5M
Project Name	Reed To Farrar
Client	Energy Transfer
Scope	19.8 Miles of 42" in Fairfield, TX
Subcontractor percentage	15%
Completion Date/On Time	September 2019; yes
Client Contact	Mohamad El Attar (832) 455-6711
Contract Amount	$36.8M
Project Name	Zenith Project
Client	Williams
Scope	14.3 Miles of 10"/12"/16" with 20 launchers, 8 meter sites & 8 hot taps near Montrose, PA
Subcontractor percentage	9%
Completion Date/On Time	September 2019; yes
Client Contact	Clem Collins (412) 787-4032
Contract Amount	$32.2M
Project Name	Okeechobee Lateral
Client	Nextera
Scope	5.12 Miles of 20" in FL
Subcontractor percentage	26%
Completion Date/On Time	September 2018; yes
Client Contact	Jonathan Pearson (561) 304-5717
Contract Amount	$12.2M
Project Name	Alford & Squire Extension
Client	Williams
Scope	4 Miles of 24" in PA
Subcontractor percentage	8%
Completion Date/On Time	August 2018; yes
Client Contact	Clem Collins (412) 787-4032
Contract Amount	$9.5M

ROCKFORD CORPORATION
COMPLETED PROJECTS

Project Name	RNG Pipeline Project
Client	Klickitat County
Scope	5.5 Miles of dual 6" in WA
Subcontractor percentage	10%
Completion Date/On Time	March 2018; yes
Client Contact	Robbie Cray (509) 773-7619
Contract Amount	$4.2M
Project Name	Genesis Project
Client	Williams
Scope	27 miles of 16", 20" & 24" in PA
Subcontractor percentage	6%
Completion Date/On Time	October 2017; yes
Client Contact	Clem Collins (412) 787-4032
Contract Amount	$55M
Project Name	Sabal Trail Spread 6
Client	Spectra
Scope	78 Miles of 36" in FL
Subcontractor percentage	14%
Completion Date/On Time	August 2017; yes
Client Contact	Dennis Edger (512) 431-7338
Contract Amount	$215M
Project Name	Florida Southeast Connection
Client	Nextera
Scope	126 miles of 36"/30" and meter station in FL
Subcontractor percentage	23%
Completion Date/On Time	July 2017; yes
Client Contact	David Xavier (772) 631-6686
Contract Amount	$240M
Project Name	Bluestone 3B & 3C
Client	DTE Energy
Scope	3.8 Miles of 30" in PA & NY
Subcontractor percentage	14%
Completion Date/On Time	October 2016; yes
Client Contact	Lisa Shanley (570) 280-3067
Contract Amount	$15M
Project Name	Brunner Island
Client	Talen Energy
Scope	3.7 Miles of 24"
Subcontractor percentage	25%
Completion Date/On Time	February 2016; yes
Client Contact	Michael Dobrzelecki (610) 774-3131
Contract Amount	$22M
Project Name	Rancho Project
Client	Enterprise Products
Scope	88.6 miles of 36" near Houston, TX
Subcontractor percentage	8%
Completion Date/On Time	September 2015; yes
Client Contact	Tim Glass, Construction Manager (936) 661-5712
Contract Amount	$132M
Project Name	Hillsdale Project
Client	Williams Midstream
Scope	2.45 miles of 12" and 1.81 miles of 24" in Susquehanna County, PA
Subcontractor percentage	2%
Completion Date/On Time	March 2015; yes
Client Contact	Candyce Lee, Project Manager (412) 787-4115
Contract Amount	$8.4M
Project Name	Lackawanna Project
Client	Williams Midstream
Scope	2.5 miles of 12" and .92 miles of 24" in Susquehanna County, PA
Subcontractor percentage	2%
Completion Date/On Time	March 2015; yes
Client Contact	Candyce Lee, Project Manager (412) 787-4115
Contract Amount	$7.7M

ROCKFORD CORPORATION
COMPLETED PROJECTS

Project Name	Maplewood Pipeline Project
Client	Williams Midstream
Scope	2.5 miles of 24" in Susquehanna County, PA
Subcontractor percentage	2%
Completion Date/On Time	March 2015; yes
Client Contact	Candyce Lee, Project Manager (412) 787-4115
Contract Amount	$4.8M
Project Name	Sherwood to Majorsville Project
Client	Markwest Energy Partners
Scope	28.2 miles of 12" located in Doddridge and Wetzel Counties, WV
Subcontractor percentage	1%
Completion Date/On Time	Nov 2014; yes
Contract Amount	$57M/ Change order percentage
Project Name	Zinnia Loop Project
Client	Summit Midstream
Scope	6.5 miles of 12" located in Doddridge County, WV
Subcontractor percentage	1%
Completion Date/On Time	Sept 2014; yes
Client Contact	Tommy Janik, VP Engineering (214) 462-7702
Contract Amount	$15M/ Change order percentage 2.5%
Project Name	Seaway Loop Project
Client	Enterprise Products
Scope	99 miles of 30"
Subcontractor percentage	2%
Completion Date/On Time	April 2014; yes
Client Contact	Tim Glass, Construction Manager (936) 661-5712
Contract Amount	$95M/ change order percentage 1.5%
Project Name	Williams Midstream Projects
Client	Williams Midstream
Scope	Various projects in Susquehanna County, PA 60 miles of pipe size range from 4" to 24"
Subcontractor percentage	2.50%
Completion Date/On Time	Jan 2014; yes
Client Contact	Candyce Lee, Project Manager (412) 787-4115
Contract Amount	$100 M /change order percentage 0%
Project Name	Williams Ohio Valley Ethane Project
Client	Williams Field Services
Scope	50 miles of 12" in WV and PA
Subcontractor percentage	6%
Completion Date/On Time	Dec 2013; yes
Client Contact	Dan Klismith, Project Manager (801) 584-6368
Contract Amount	$67M/change order percentage 3.2%
Project Name	Tichenal to Middlepoint Phases 1-3 Project
Client	Antero Resources/Crestwood Energy
Scope	9.5 miles of 20" and 15 miles of 24" HDPE water line in WV.
Subcontractor percentage	5%
Completion Date/On Time	Nov 2013; yes
Client Contact	Bill Prehm, Vice President (303) 357-6729
Contract Amount	$52.5M/change order percentage 1.7%
Project Name	Atex Segment 2 Project
Client	Enterprise Products
Scope	117 miles 20" near Lancaster, OH.
Subcontractor percentage	12%
Completion Date/On Time	Dec 2013; yes
Client Contact	Tim Glass, Construction Manager (936) 661-5712
Contract Amount	$105M/ change order percentage 2.5%
Project Name	Strope to Wheeler Project
Client	Talisman Energy
Scope	8 miles of 16" and 2 miles of 20" in Bradford County, PA.
Subcontractor percentage	2.50%
Completion Date/On Time	May 2013/yes
Client Contact	Jason Peworchik, Project Manager (607) 377-4714
Contract Amount	$18M/change order percentage 1.5%

ROCKFORD CORPORATION
COMPLETED PROJECTS

Project Name	Ruby Pipeline Lateral Project
Client	Ryckman Creek Resources, LLC
Scope	5.2 miles of 16" and 2.1 miles of 8"
Subcontractor percentage	5%
Completion Date/On Time	10/1/2012; yes
Client Contact	Darrell Poteet, (713) 750-9730
Contract Amount	$6.8M/change order percentage 0.5%
Project Name	GreenCore Pipeline CO2 -Spread 4
Client	Denbury Resources
Scope	54 Miles of 20" pipe in Gillette, Wyoming
Subcontractor percentage	3%
Completion Date/On Time	11/1/2012; yes
Client Contact	Kevin Kuehler, (972) 673-2646
Contract Amount	$30.4M /change order percentage 0.8%
Project Name	GreenCore Pipeline CO2 -Spread 2
Client	Denbury Resources
Scope	53 Miles of 20" pipe in Casper, Wyoming
Subcontractor percentage	3%
Completion Date/On Time	12/1/2011; yes
Client Contact	Kevin Kuehler, (972) 673-2646
Contract Amount	$18.3M/change order percentage 0%
Project Name	Laser Northeast Gathering System Project
Client	Laser Northeast Gathering, LLC
Scope	14.8 miles of 16" in Susquehanna County, Pennsylvania
Subcontractor percentage	14%
Completion Date/On Time	10/1/2011; yes
Client Contact	Anthony LaFratte, (570) 690-7924
Contract Amount	$28M/change order percentage 2.2%
Project Name	Williams Midstream Project
Client	Williams Midstream
Scope	4.5 miles of 12" pipe in Susquehanna County PA
Subcontractor percentage	0%
Completion Date/On Time	12/1/2011; yes
Client Contact	Candice Lee, Project Manager (412) 787-4115
Contract Amount	$5M/change order percentage 0%
Project Name	Ruby Project
Client	El Paso Corporation
Scope	127 miles of 42" in Southern Oregon and Nevada.
Subcontractor percentage	7%
Completion Date/On Time	July 2011; not on time due to permits
Client Contact	Lynn Christensen - Senior Project Manager (719) 440-6390 , Heath Deneke - President, Crestwood Midstream Partners (832) 655-0610
Contract Amount	$440M/ cost reimbursable project
Project Name	Rockies Express Pipeline Project-Spread J
Client	Kinder-Morgan/Conoco Phillips
Scope	31.4 miles of 42" pipe near Zanesville, OH.
Subcontractor percentage	7%
Completion Date/On Time	10/1/2009; yes
Client Contact	Crystal Heter - Senior Project Manager (303) 914-7795
Contract Amount	$90M / unit price contract
Project Name	Phoenix Expansion Project
Client	Transwestern Pipeline
Scope	150 miles of 36" of pipe North of Phoenix near Casa Grande, AZ
Subcontractor percentage	4%
Completion Date/On Time	2/1/2009; yes
Client Contact	Rick Smith-Senior Project Manager, (713) 412-6945
Contract Amount	$145.3M/ cost reimbursable project
Project Name	Gulf Crossing Expansion Project
Client	Gulf Crossing Pipeline Company, LLC
Scope	54 miles of 42" pipe from East Texas over into Louisiana.
Subcontractor percentage	9%
Completion Date/On Time	1/1/2009; yes
Client Contact	Dan Mitchell - Vice President, (713)479-8090
Contract Amount	$82.4M / change order percentage 1.5%

SWORN STATEMENT AND AFFIDAVITS

The following Sworn Statement and Affidavits have been signed.

CONE OF SILENCE AFFIDAVIT

STATE OF California)

: SS

COUNTY OF San Diego)

I, the undersigned hereby duly sworn, depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of Campos EPC have read and understand the limitations and procedures regarding communications concerning City of Key West Code of Ordinances Sec. 2-773 Cone of Silence.

By: _____

Sworn and subscribed before me this 5th day of April 2022

NOTARY PUBLIC, State of _____, at Large

My Commission Expires:

SEE ATTACHED CALIFORNIA JURAT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 05 day of April, 2022, by E. Palmerin Romeo Shiplee, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

E. PALMERIN
COMM. #2300175
NOTARY PUBLIC-CALIFORNIA
SAN FRANCISCO COUNTY
My Commission Expires
AUGUST 3, 2023

(Seal)

Signature

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF FLORIDA)
: SS
COUNTY OF MONROE)

I, the undersigned hereby duly sworn, depose and say that the firm of Campos EPC

provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses, per City of Key West Code of Ordinances Sec. 2-799.

By: _____

Sworn and subscribed before me this 5th day of April 2022.

NOTARY PUBLIC, State of _____, at Large

My Commission Expires:

SEE ATTACHED CALIFORNIA JURAT

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State of California
County of San Diego

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E. PALMERIN
COMM. #2300175
NOTARY PUBLIC-CALIFORNIA
SAN FRANCISCO COUNTY
My Commission Expires
AUGUST 3, 2023

(Seal)

Signature

ANTI-KICKBACK AFFIDAVIT

STATE OF California)
: SS
COUNTY OF San Diego)

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By: _____

Sworn and subscribed before me this 5th day of April 2022.

NOTARY PUBLIC, State of _____, at Large

My Commission Expires:

SEE ATTACHED CALIFORNIA JURAT

* * * * * *

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 05 day of April, 2022, by E. Palmerin Romeo Shiplee, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

E. PALMERIN
COMM. #2300175
NOTARY PUBLIC-CALIFORNIA
SAN FRANCISCO COUNTY
My Commission Expires
AUGUST 3, 2023

CSC1

(Seal)

Signature

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State of California
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 05 day of April, 2022, by E. Palmerin Romeo Shiplee, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

E. PALMERIN
COMM. #2300175
NOTARY PUBLIC-CALIFORNIA
SAN FRANCISCO COUNTY
My Commission Expires
AUGUST 3, 2023

(Seal)

Signature

SWORN STATEMENT UNDER SECTION 287.133(3)(A)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid or Proposal for Trenchless installation across Fleming Channel

2. This sworn statement is submitted by Campos EPC
(Name of entity submitting sworn statement)
whose business address is 2251 San Diego Ave Ste A186, San Diego CA 92110 and (if applicable) its Federal Employer Identification Number (FEIN) is 20-1562187

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement _____

3. My name is Romeo Shiplee
(Please print name of individual signing)
and my relationship to the entity named above is Employee

4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any bid or contract for goods or services to be provided to any public or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.

5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means

    1. A predecessor or successor of a person convicted of a public entity crime; or

    2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

_____ There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

_____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

_____ The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

_____
(Signature)

April 5th 2022
(Date)

STATE OF _____ SEE ATTACHED CALIFORNIA JURAT

COUNTY OF _____

PERSONALLY, APPEARED BEFORE ME, the undersigned authority,

_____ who, after first being sworn by me, affixed his/her
(Name of individual signing)

Signature in the space provided above on this 5th day of April, 2022.

My commission expires:

_____
NOTARY PUBLIC

NON-COLLUSION AFFIDAVIT

STATE OF California)

: SS

COUNTY OF San Diego)

I, the undersigned hereby declares that the only persons or parties interested in this Proposal are those named herein, that this Proposal is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Proposal is made without any connection or collusion with any person submitting another Proposal on this Contract.

By: _____

Sworn and subscribed before me this

5th day of April 2022.

SEE ATTACHED CALIFORNIA JURAT

_____

NOTARY PUBLIC, State of _____ at Large

My Commission Expires: _____

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

Subscribed and sworn to (or affirmed) before me on this 05 day of April, 2022, by E. Palmerin Romeo Shiplee, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

E. PALMERIN
COMM. #2300175
NOTARY PUBLIC-CALIFORNIA
SAN FRANCISCO COUNTY
My Commission Expires
AUGUST 3, 2023

(Seal)

Signature