# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submittal Letter</td>
<td>1</td>
</tr>
<tr>
<td>I. General Information</td>
<td>2</td>
</tr>
<tr>
<td>II. Project Team Members</td>
<td>6</td>
</tr>
<tr>
<td>III. Respondent Experience</td>
<td>11</td>
</tr>
<tr>
<td>IV. Technical Approach</td>
<td>15</td>
</tr>
<tr>
<td>V. Cost Control</td>
<td></td>
</tr>
<tr>
<td>Appendix</td>
<td></td>
</tr>
</tbody>
</table>
April 1, 2020

Josh Herbert
City of Albuquerque
CIP Division Office
One Civic Plaza, 7th Floor, Room 7057
Albuquerque, NM 87102

RE: RFP No. 7139.99 North Domingo Baca Aquatic Center Design

Dear Mr. Herbert and Members of the Selection Committee:

The City of Albuquerque (COA) is seeking a qualified and experienced A/E firm to assist in the design of an Aquatic Center completing Phase IV for the North Domingo Baca Master Plan. Huitt-Zollars is that firm! Our team understands the COA’s objective of realizing the design of a vibrant and accommodating aquatic environment that is sustainable for both present and future needs. Our design approach is based on building a collaborative environment that ensures all stakeholders’ interests and concerns are heard, discussed, and resolved. Huitt-Zollars is eager to demonstrate our commitment and design capabilities to the COA. Our qualifications are presented in the following proposal and are summarized below:

RECENT AND RELEVANT AQUATIC DESIGN EXPERIENCE
The Huitt-Zollars’ design team has considerable experience and knowledge in the planning and design of aquatic facilities of all scales, for both public and private entities. Nationwide, Huitt Zollars has designed swimming pools ranging from YMCA's to Water Parks; and most notably, the Marriott Marquis State of Texas-shaped lazy river, located on the 4th floor deck of this extraordinary Urban Resort. In 2019, our Albuquerque office completed the Aquatic Centers in Artesia and Roswell, NM. Currently, we are designing a Swimming Pool Center for the Pueblo of Laguna. This recent experience offers the COA a team with pertinent understanding in user trends, current aquatic design trends, constructability resources as well as model aquatic health code requirements and innovative strategies for both cost control, performance and long-term maintainability.

NATIONWIDE EXPERTISE
Counsilman-Hunsaker (C-H), the nation’s most renowned pool consultant is a valuable addition to our highly skilled team. C-H was an essential part of our team for the Aquatic Centers in Artesia and Roswell and the strong working relationship developed continues in the planning, programming and design for the Pueblo of Laguna. Our combined efforts on collaborative design and quality document production and coordination resulted in two extremely successful and popular projects for southeastern NM. Having completed aquatic design projects in all 50 states, C-H has a true appreciation for the diverse requirements that may occur during the design of aquatic centers. Our team’s ultimate goal is to maximize the recreation value of your facility while meeting the required design considerations. Together our team brings unparalleled aquatic center design skills and expertise.

SUSTAINABILITY LEADERSHIP
Inherent to Huitt-Zollars’ design philosophy is a commitment to sustainable design principles. We believe that good design is inseparable from sustainable design. Huitt-Zollars is one of the firms that signed the Architecture 2030 Challenge. Our Sustainability Committee, comprised of architects, engineers, landscape architects is constantly engaged in all aspects of the industry, researching and providing solutions to the company and to our clients.

Huitt-Zollars is the only team equipped to provide COA not only with an exceptional and efficient design but also provides the tools for successful management and operations for the future North Domingo Baca Aquatic Center. Huitt-Zollars and our team appreciates your time in reviewing this proposal and looks forward to working with the City of Albuquerque on this project. If you have any questions or need any additional information please contact us at 505.883.8114.

Sincerely,
Huitt-Zollars, Inc.

Kim R. Kemper, PE | Senior Vice President
“Roswell needed a dedicated and client oriented design firm to ensure the success of this much-needed project. Huitt-Zollars delivered on point and exceeded the City’s expectations. The level of knowledge and expertise provided for the design of the Aquatic Center was bar none plus the personal attention given to our needs was more than evident in the outcome of the facility. The quality of life for the citizens of Roswell has improved because of this Center”

- Kevin Dillon, Former Director - CIP and Facilities 
CITY OF ROSWELL
Firm Information

Huitz-Zollars understands that performance is the key to success and our clients find that our adherence to high standards of performance and responsiveness sets us apart from the competition. Our performance and success are measurable – more than 80 percent of our annual fees come from repeat clientele, proof that our philosophy is working. Huitz-Zollars offers you our mission statement that guides our interactions with clients:

“Our commitment is to understand the needs of our clients and to meet those needs by delivering professional services with the highest level of quality and integrity.”

Huitz-Zollars, is a full-service architectural and engineering firm providing design services to public and private clients throughout New Mexico and the southwest. The company was founded in Dallas, TX in 1975 and has been in business locally in Albuquerque and Rio Rancho since March 1997. Huitz-Zollars has a staff of 34 New Mexico personnel, and more than 550+ professional, technical, and support personnel corporate-wide, with diversified skills capable of handling highly complex multi-discipline assignments. Huitz-Zollars is ranked among the nation’s top design firms by Architectural Record and Engineering News-Record.

The strength of Huitz-Zollars lies in its people, and their ability to provide expertise in all disciplines required for a project. We have developed an innovative approach to planning and design that ensures a detailed integration and coordination of all disciplines. Known as ADVANCED DESIGN, Huitz-Zollars’ strength springs from our commitment and ability to execute this program. ADVANCED DESIGN is a company-wide philosophy, and the City of Albuquerque can count on Huitz-Zollars’ commitment to design excellence that provides value to your future North Domingo Baca Aquatic Center. This program provides a single focus for the project, resulting in smoother progression, efficient designs that balance function, economics, sustainability, and aesthetics.

Huitz-Zollars can take a project from start to finish, from initial master planning through the design process to construction administration. The public sector percentage of the Huitz-Zollars offices in Albuquerque and Rio Rancho is approximately 80 percent with 50 percent being educational institutions. Huitz-Zollars’ Quality Management system earned the Piñon Recognition Award by Quality New Mexico for excellence in customer service and understanding. Dedication to these quality objectives has been documented by our adoption of ISO 9001-2015 quality management principles and proven by our active participation in a year-long state-administered program that led to ISO 9001-2015 (Quality Management Systems).

Staff Disciplines / Registration

Huitz-Zollars offers services in architecture, civil engineering, construction management, and surveying.

- Kim Kemper, PE will serve as our Principal-in-Charge. Kim is a Senior Vice President of the firm and the Managing Principal of the Rio Rancho office. Kim is authorized to sign agreements with the City of Albuquerque for this contract.
- John Jarrard, AIA, LEED AP, Vice President will serve as our Project Manager.
- Joe Gallegos, AIA, LEED AP BD+C, Vice President and Managing Principal of the Albuquerque office will serve as Deputy Project Manager and QA/QC.

Our Federal Tax ID Number is 75-1500178 and our New Mexico CRS Number is 02-279106-000.

Location of Services to be Performed

All work performed on this contract will be provided by local personnel. Services will be performed in the Huitz-Zollars office at 6501 Americas Parkway NE, Suite 830, Albuquerque, NM and work performed by our sub-consultants will be performed in their respective local offices. Our engineers will perform field reconnaissance, attend meetings, and perform site visits and inspections on this project. The exception is our aquatic consultant, Counsilman-Hunsaker, who will provide their services from Denver, CO.
"We felt complete confidence in the quality of their work every step of the way. Their in-depth knowledge of aquatic facilities gave us peace of mind as we embarked on the planning of our $20 million Aquatic Center. Huitt-Zollars coordinated all disciplines without any difficulty, it was a seamless and transparent process."

- Sandra Borges, President
ARTESIA AQUATIC CENTER FOUNDATION
II. PROJECT TEAM

The Huitt-Zollars team has the personnel and experience to provide the City of Albuquerque with a quality project. We have provided design services for numerous public agencies that require compliance with owner standards, master plans, and building committees. The Design Team will be organized around our Project Manager, John Jarrard who has experience working with the City, and our Deputy Project Manager, Joe Gallegos who has relative aquatic design experience similar to the North Domingo Baca Aquatic Center project.

John and Joe will be supported by our in-house architecture and civil engineering. Other consultants on our team are: aquatics, landscape architecture, structural mechanical, electrical, fire protection and geotechnical engineering. John will serve as the point of contact for all team members.

**LEGEND**

- Huitt-Zollars, Inc
- Bridgers & Paxton
- Counsilman-Hunsaker
- Consensus Planning, Inc.
- Desert Eagle Engineering, LLC
- Western Technologies Inc.

*Resume included in the following pages.*
John Jarrard has 43 years of experience in facility design and project management. He is experienced in several management softwares and utilizes this knowledge in directing and coordinating project resources, project personnel, submittals, and schedules. Jarrard is especially familiar with the City of Albuquerque processes and protocols having managed or assisted in the design of several recent City projects.

EXPERIENCE, EDUCATION, AND CERTIFICATIONS
43 years of architectural experience
BA, Architecture - The University of New Mexico
Registered Architect - New Mexico #1658

RELEVANT PROJECTS
*Artesia Aquatic Center | Artesia, NM
*Roswell Recreation & Aquatic Center | Roswell, NM
*Pueblo of Laguna Swimming Pool | Laguna, NM
*Central & Unser Transit Center Expansion | Albuquerque, NM
*Fueling Facility Upgrades-Pino Yards & Eastside | Albuquerque, NM
*Seven Bar Park & Ride | Albuquerque, NM
*Uptown Transit Facility | Albuquerque, NM

JOSEPH GALLEGOS, LEED AP BD+C

Joe has extensive experience with aquatic and recreational center design projects and will serve as the Deputy Project Manager for the COA’s North Domingo Baca Aquatic Center. Joe wholeheartedly believes that the design process is an opportunity for collaborative, synergistic, and innovative problem solving. He envisions clients as partners in the process of creating a design rich with cutting edge technology, visionary contextual design, and forward-thinking sustainability. Joseph’s commitment to client service and client partnership are evident in the way he listens and responds to clients’ needs, guides clients in building capacity, collaboratively works to overcome challenges, and ultimately makes the client’s architectural dreams a reality.

EXPERIENCE, EDUCATION, AND CERTIFICATIONS
25 years of architectural and planning experience
Master of Architecture - The University of New Mexico
BA in Architecture - The University of New Mexico
Registered Architect - New Mexico #3977

RELEVANT PROJECTS
*Artesia Aquatic Center | Artesia, NM
*Roswell Recreation & Aquatic Center | Roswell, NM
*Pueblo of Laguna Swimming Pool | Laguna, NM
*Fueling Facility Upgrades- Pino Yards & Eastside | Albuquerque, NM
Zuni Wellness Center | Zuni, NM
Zuni Teen Youth and Family Wellness Center | Zuni, NM

JOSÉ ZELAYA - AIA, NCARB

José Zelaya is an architect and urbanist with 24 years of experience in architectural and planning projects of various scales. José works closely with communities to respond to their desire for good design, meaningful and relevant public spaces for community gathering, recreation and entertainment. José is particularly skilled at the design of public buildings with an emphasis in recreation and civic uses, as catalysts for urban transformation and economic vitality. He understands that urban design and the architecture of buildings have the potential to impact towns and neighborhoods for generations. José is a professor of Architecture at the University of New Mexico and the co-author of The Plazas of New Mexico

EXPERIENCE, EDUCATION, AND CERTIFICATIONS
24 years of architectural and urban planning experience
Master of Architecture - The University of New Mexico
Post Graduate Urban Environmental Planning - IHS, The Netherlands
Master of Architecture - National University of Honduras
Registered Architect - New Mexico #4370

PRINCIPAL-IN-CHARGE (PIC)
KIM R. KEMPER, PE

Kim R. Kemper has 37 years of experience in the planning, development, design and quality control for civil, transportation, and utility projects throughout New Mexico. He has served as the Principal-in-Charge, Project Manager, or Project Engineer on over one-hundred infrastructure projects in the Albuquerque area. In addition, Kim possesses a New Mexico GB98 General Contractors License.

EXPERIENCE, EDUCATION, AND CERTIFICATIONS
37 years of engineering experience
BS, Civil Engineering - New Mexico State University
Professional Engineer - New Mexico #10542

RELEVANT PROJECTS
*Artesia Aquatic Center | Artesia, NM
*Roswell Recreation & Aquatic Center | Roswell, NM
*Pueblo of Laguna Swimming Pool | Laguna, NM
*On-Call Engineering Services, Small Bikeways | Albuquerque, NM
*Albuquerque Sunport Survey & Engineering | Albuquerque, NM
*Central & Unser Transit Center Expansion | Albuquerque, NM
*Seven Bar Park & Ride | Albuquerque, NM
*Rapid Ride Shelters (CA Services) | Albuquerque, NM

Kim possesses a New Mexico GB98 General Contractors License.

John Jarrard has 43 years of experience in facility design and project management. He is experienced in several management softwares and utilizes this knowledge in directing and coordinating project resources, project personnel, submittals, and schedules. Jarrard is especially familiar with the City of Albuquerque processes and protocols having managed or assisted in the design of several recent City projects.

Huitz-Zollars Deputy Project Manager Joseph Gallegos brings 25 years of experience designing for, and managing a range of different types of architectural projects, but what makes him an important part of this team is his recent experience with Aquatic projects including: Artesia Aquatic Center, Roswell Recreational and Aquatic Center, and the Laguna Swimming Pool. All of which are very recent successes for him, Huitz-Zollars, and our clients. With over 65 years of combined experience, John Jarrard, who has outstanding experience working with the COA, and Joe Gallegos, will be an unmatched leadership team. We assure the City of Albuquerque that this collaboration will be advantageous throughout the process.

ROLE OF DEPUTY PROJECT MANAGER
Huitz-Zollars Deputy Project Manager Joseph Gallegos brings 25 years of experience designing for, and managing a range of different types of architectural projects, but what makes him an important part of this team is his recent experience with Aquatic projects including: Artesia Aquatic Center, Roswell Recreational and Aquatic Center, and the Laguna Swimming Pool. All of which are very recent successes for him, Huitz-Zollars, and our clients. With over 65 years of combined experience, John Jarrard, who has outstanding experience working with the COA, and Joe Gallegos, will be an unmatched leadership team. We assure the City of Albuquerque that this collaboration will be advantageous throughout the process.

*Referenced in Section III of this Document
Larry is an Architect with 23 years of experience. His experience has provided him with valuable insight and experience into the entire building process from conceptual design illustration, coordinating multi-discipline design teams, to resolving construction challenges on the job site in both new and complex projects. Mr. McDonald has worked in all capacities for a variety of different building types including; residential, educational, healthcare, governmental, institutional, and industrial type projects using various construction techniques and delivery methods.

**EXPERIENCE, EDUCATION, AND CERTIFICATIONS**
23 years of architectural experience
Master of Architecture - The University of New Mexico
Registered Architect - New Mexico #4238

**RELEVANT PROJECTS**
*Pueblo of Laguna Swimming Pool | Laguna, NM
Don Res. Convenience Ctr., Modular Office Bldg | Albuquerque, NM

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**AQUATIC CONSULTANT**
DOUG COOK, P.E. LEED AP

Doug Cook is responsible for managing and monitoring the performance of the firm, thus leading multiple studios within the Counsilman-Hunsaker team that design, engineer, and operate aquatic facilities across the country and abroad. Doug’s most prominent project portfolio includes collegiate-level facility design as well as extensive experience in both K-12 and municipal recreation aquatic facilities. As a LEED Accredited Professional, Doug manages the entire project, from the initial concept design, design management and project leadership throughout the construction administration process. Doug’s engineering responsibilities also include the design of all swimming pool mechanical systems.

**EXPERIENCE, EDUCATION, AND CERTIFICATIONS**
26 years of aquatic experience
MBA St. Louis University
BS, Civil Engineering - University of Iowa
Professional Engineer - New Mexico #16885

**RELEVANT PROJECTS**
*Artesia Aquatic Center | Artesia, NM
*Roswell Recreation & Aquatic Center | Roswell, NM
*Pueblo of Laguna Swimming Pool | Laguna, NM
Colorado Mesa University - El Pomar Natatorium | Mesa, CO
Georgia Institute of Technology - Aquatic Center | Atlanta, GA
Great Outdoors Waterpark | Lafayette, CO
Stanford University - Avery Aquatic Center | Stanford, CA

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**AQUATIC CONSULTANT**
MIKLOS VALDEZ

Miklos specializes in aquatic business planning, feasibility studies, and operational training and development. Miklos has over 10 years of experience in recreation and aquatics as a pool and waterpark manager. His experience and knowledge includes indoor and outdoor facilities, competition pools, swim meet management, customer service and fitness facilities. Miklos’ expertise allows him to successfully conduct master planning and business planning services to clients for new facilities and renovations. Miklos also provides clients with pre-opening management services including lifeguard training, customer service training, operating manuals and sustainable programming.

**EXPERIENCE, EDUCATION, AND CERTIFICATIONS**
14 years of aquatic experience
BA, Baylor University

**RELEVANT PROJECTS**
*Artesia Aquatic Center | Artesia, NM
*Roswell Recreation & Aquatic Center | Roswell, NM
*Pueblo of Laguna Swimming Pool | Laguna, NM
Jal Public Schools Aquatic Center | Jal, NM
Las Crucies Regional Aquatic Center | Las Crucies, NM
Bridgeport Aquatic Center | Bridgeport, WV
Cheltenham Township Pools | Cheltenham, PA
Bedford Aquatics Centers | Bedford, TX
Colorado State University Pool | Pueblo, CO
Cutler Bay Aquatic Center | Cutler Bay, FL
Durham Aquatic Centers | Durham, NC
Fife Aquatic Center | Fife, WA
Hampton Recreation Center | Hampton, VA
Holiday World Splashin’ Safari | Santa Claus, IN
Maui County-Wide Aquatics Master Plan Study and Audit | Maui, HI

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**CIVIL ENGINEER**
ROBERT DEMEULE, PE

Robert has 22 years of experience in planning, developing, and providing project management for civil and environmental engineering projects. He has experience in project management, planning, public involvement, construction documentation preparation, construction estimating, and quality control. Robert has designed or managed a broad spectrum of municipal projects and has significant experience with the city process.

**EXPERIENCE, EDUCATION, AND CERTIFICATIONS**
22 years of engineering experience
BS, Civil Engineering - The University of New Mexico
Professional Engineer - New Mexico #16014

**NOTEWORTHY PROJECTS**
Southern Blvd. Reconstruction | Albuquerque, NM
US 550 & NW Loop Rd. Intersection | City of Rio Rancho, NM
Drainage Master Plan | Rio Rancho, NM
City of Rio Rancho Industrial Park Drainage | Rio Rancho, NM
Winrock Redevelopment Phase II | Albuquerque, NM

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*Referenced in Section III of this Document*
Christopher Green, PLA, ASLA, LEED AP

Chris will be responsible for the day-to-day administration of the landscape contract, as well as managing the community involvement. He has over 31 years of experience in the implementation of all phases of the landscape design process including client contact and coordination, conceptual design, design development, cost estimation, construction documents, and construction administration. Mr. Green has designed projects for various City departments including Parks and Recreation DMD, Senior Affairs, and Family and Community Services. He has vast experience in managing design teams on large-scale recreational projects and facilitating public input on such projects. Chris has been intimately involved in the development of North Domingo Baca Park, from preparation of the overall Master Plan through multiple phases of design/construction to the ongoing construction of the gymnasium addition to the Multi-Generation Center. His expertise in xeriscape principles of landscape and irrigation design results in the creation of lush, colorful landscapes, incorporating the use of native plant materials, efficient irrigation methods, and minimal maintenance requirements.

EXPERIENCE, EDUCATION, AND CERTIFICATIONS
34 yrs of landscape architecture & project management experience
BS in Design (Landscape Architecture), Arizona State University
Professional Landscape Architect - NM #234

RELEVANT PROJECTS
North Domingo Baca Park | Albuquerque, NM
Manzano Mesa Community Park (Including Splash Pad) | Albuquerque, NM

Ilir Mesiti, PE, CGD, LEED AP

Ilir Mesiti is a Principal, Mechanical Engineer for Bridgers & Paxton. He brings 16 years of experience in engineering and project management utilizing skills acquired from a background in engineering design and construction experience. He is committed to the project from beginning to end with an emphasis on collaboration and resolution of challenges encountered during design and construction. He is responsible for all technical aspects of design, management, staffing and internal scheduling at Bridgers & Paxton. Ilir provides quality assurance, reviews of completeness and develops fees on projects. He oversees engineering and is the interface between Bridgers & Paxton and the client.

EXPERIENCE, EDUCATION, AND CERTIFICATIONS
16 years of engineering experience
BS, Mechanical Engineering - The University of New Mexico
Professional Engineer - New Mexico #20505

RELEVANT PROJECTS
Jicarilla Apache, Community Wellness & Aquatic Center | Dulce, NM
City of Gallup Aquatic Center | Gallup, NM
UNM Johnson Center Exp. & Renovation (JCER) | Albuquerque, NM

Jeff Hanks - Desert Eagle Engineering

Jeff has over 42 years of experience in the structural engineering field as both project engineer and project manager on a wide variety of projects. These project types include design of classrooms, gymnasiums, and common areas for schools, retail shopping centers, office buildings, warehouses, manufacturing plants, bridges, and casino expansions.

EXPERIENCE, EDUCATION, AND CERTIFICATIONS
42 years of civil and structural engineering experience
BS, Civil Engineering, University of New Mexico
Professional Engineer - New Mexico #8551

RELEVANT PROJECTS
*City of Artesia Aquatics Center | Artesia, NM
*City of Roswell Recreation Center | Roswell, NM
*Pueblo of Laguna Swimming Pool | Laguna, NM
Defined Fitness | Farmington, NM
Defined Fitness | Rio Rancho, NM (2 locations)

John F. Heck, IV, PE, LEED AP

John is a Vice President and Electrical Project Manager for community projects at Bridgers & Paxton. His 31 years of experience brings to the team a broad range of project experience including work in government, institutional, commercial and industrial facilities. John’s design experience in this area includes power distribution systems that take into account nonlinear, electronic loads and advanced highly efficient lighting systems that eliminate unwanted glare and create comfortable learning environments, as well as energy and environmentally sensitive devices such as fluorescent lighting, occupancy sensors, lighting control systems, daylight sensing and HVAC sensors, as they apply in coordination with building management systems.

EXPERIENCE, EDUCATION, AND CERTIFICATIONS
31 years of engineering experience
BS, Electrical Engineering - California Polytechnic State University
Professional Engineer - New Mexico #12498

RELEVANT PROJECTS
COA Los Altos New Pool Building & Renovations | Albuquerque, NM
Jicarilla Apache, Community Wellness & Aquatic Center | Dulce, NM
City of Gallup Aquatic Center | Gallup, NM
COA Civic Plaza Renovations | Albuquerque, NM
Lovington Community Wellness Ctr. & Natatorium | Lovington, NM

*Referenced in Section III of this Document
The complexity of the Artesia Aquatic Center required constant attention, information, accessibility, and flexibility. Jose Zelaya and Carlos DeAnda were readily accessible by telephone, email, and unannounced office visits. Jose Zelaya and his team were always willing to listen to Contractor concerns and ideas and made decisions based on all information presented. The Artesia Aquatic Center was my first experience with Huitz-Zollars and I look forward to working together again on future projects.

- Brad Treseder, Senior Project Manager
JAYNES CORPORATION
In 2016, the City of Roswell selected Huitt-Zollars to provide design services for their new Recreation and Aquatic Center. The approximately 53,000sf Center includes an 11,100sf Aquatic Center which consists of an 8-lane, 25-yard lap natatorium with ample spectator seating. Restrooms and lockers are located adjacent to the natatorium. The exterior family aquatics area consists of an outdoor zero-entry pool for toddlers and various family-friendly play structures. A concession area serves both the interior of the Center as well as the outdoor family aquatic area. Because of the large events planned for the new Center, the site required to be large enough to accommodate 300 parking spaces. The Aquatic Center was added to the Recreation Center project after the City’s only eighty-year-old pool was shut down due to structural issues.

Cost: $20 million  
Completion Date: May 2019  
Relevance: Municipal Facility; Aquatic Center  
Contact: Kevin Dillon, City of Roswell, 505.217.6101  

Staff Assigned/Roles:  
Joe Gallegos - Project Manager  
Kim R. Kemper - Principal-in-Charge  
John Jarrard - QA/QC  
José Zelaya - Project Architect  
Carlos DeAnda - Aquatic Designer  
Desert Eagle Engineering - Structural Eng.  
Counselman-Hunsaker - Aquatic Consultants

“Waide Construction worked with HZ on the Roswell Rec & Aquatic Center and established a productive working relationship. Their willingness to listen to cost or time savings options were helpful to the Owner. Their timely responses to questions and reviews allowed for no delays. Waide Construction highly recommends HZ for your project”

Matty Roehlk, Sr. Project Manager  
WAIDE CONSTRUCTION
Artesia Aquatic Center | Artesia, New Mexico

In 2017, the Artesia Aquatic Foundation (AAF) selected Huitt-Zollars to provide design services for the new Family Aquatics Center and High School competition pool in partnership with the City of Artesia, Artesia Public Schools, and Artesia General Hospital, and under the guidance and support of the AAF. Huitt-Zollars conducted a comprehensive programming study to not only define the user requirements, but track the projected budget target costs as well as the future operations and maintenance costs. Located on ten acres of land, the facility features four different aquatic elements: a natatorium with two indoor pools, a 25-yard / 8-lane competition pool, and a 60-foot long 4-lane flexible/training warm-up/cool-down pool, and two outdoor family aquatic pools. Currently, the Artesia Aquatic Center is a popular attraction for local and regional events, as well as an entertaining destination for visitors. The Center’s amenities, the indoor competition pools, the outdoor pool’s oil-rig water tower, inspired by the first commercial oil well in Artesia, and the iconic Bulldog-shaped outdoor pool, the local high school mascot, gives the Artesia Aquatic Center a unique and distinctive resort feel and most importantly a striking facility that provides the residents of Artesia a great sense of community pride.

Cost: $18.3 million
Completion Date: May 2019
Relevance: Municipal Facility; Aquatic Center
Contact: Sandra Borges, AAF, 575.513.0886

Staff Assigned/Roles:
José Zelaya - Project Manager
Kim R. Kemper - Principal-in-Charge
Joe Gallegos - Project Architect
Carlos DeAnda - Aquatic Designer
Counsilman-Hunsaker - Aquatic Consultants
Desert Eagle Engineering - Structural Eng.
The Pueblo of Laguna selected Huitt-Zollars to provide planning, programming and design services for their future Swimming Pool. The new Swimming Pool will be part the K’awaika Campus; a Recreational, Community and Wellness complex situated at the heart of the Pueblo. The project will be planned and designed to accommodate a future Recreational/Community Center which will be connected to the Pool building.

In collaboration with the Pueblo, Huitt Zollars created and deployed an advertising campaign to raise awareness and an on-line survey to engage the community. In less than 2 weeks, we received an encouraging 190 responses. The input from the Pueblo of Laguna community members helped us determine their wants and needs for the facility. One of the results is a 4,400 SF multi-use indoor recreational pool that can be programmed for playing, lap swimming, lessons and water fitness classes. The pool features a 1-meter diving area and a water slide. The new facility will be modest in materials and size but will open up to the breathtaking views of the region.

Conceptual Design Phase work completed to date:
- Conceptual Site Plan Options and Phasing
- Conceptual Floor Plan Layouts
- Conceptual Images

Projected Cost: $6.2 million
Completion Date: TBD
Relevance: Municipal Facility; Aquatic/Swimming Pool
Contact: Brandon Herrera, Pueblo of Laguna, 505.522.1200

Staff Assigned/Roles:
José Zelaya - Project Manager
Kim R. Kemper - Principal-in-Charge
Joe Gallegos - Project Architect
Carlos DeAnda - Aquatic Designer
Councilman-Hunsaker - Aquatic Consultants
Desert Eagle Engineering - Structural Eng.
Huitt-Zollars’ proposed Project Manager, John Jarrard, has worked with the City of Albuquerque and is familiar with the City’s procedures and design requirements. Jarrard’s recent experience includes serving as the Project Manager for the Central & Unser Transit Center Expansion, and Fueling Facility Upgrades. Additional City experience includes the Uptown Transfer Center, the Yale Transit Facility updates, the Law Enforcement Center (a joint City/County Administration Building for APD, and Bernalillo County Sheriff’s Office.) Additional City of Albuquerque Project Manager experience was achieved for the prototype bus shelter designs, along with the Westside Transit Facility Master Plan. Jarrard also served as Project Architect for the Seven Bar Park and Ride Facility. Throughout all of these experiences, Jarrard has gained an exceptional knowledge of City procedures, protocols, and concerns.

As seen on the map to the right, Huitt-Zollars has completed many successful projects for the City of Albuquerque and has the experience and expertise to provide the City with an aquatic facility that will provide joy and delight for its citizens.

Central & Unser Transit Center Expansion | Albuquerque, NM  
(COA Project No. 7616.94)

Huitt-Zollars worked with ABQ Ride to upgrade various components of the transit infrastructure. Located adjacent to the City’s recently completed Central & Unser Library, the existing facility was expanded to provide dedicated platforms for the new bus fleet that facilitate rapid passenger embarkation/disembarkation movements. Additional conventional bus berths will also be provided to address peak-time congestion and to maintain adequate headway for the buses. Special design features such as rainwater harvesting and photo-voltaic arrays were investigated and incorporated into the design. A new covered outdoor passenger waiting area was separated with xeriscape and spaces are provided for future concession stands.

Cost: $2.8 million  
Completed: July 2019  
Relevance: City of Albuquerque Project; Site Assessments  
Contact: Mark Eshelman, Project Manager, 505.724.3148  
Staff Assigned/ Roles:  
John Jarrard - Project Manager  
Kim R. Kemper - Principal-in-Charge  
Joe Gallegos - QA/QC  
Bridgers & Paxton - MEP Services
Huitt-Zollars completed the design and construction phase services for the City of Albuquerque Pino Yards and Eastside Fueling Facilities. The fuel dispensers were over 30 years old and had far exceeded their life expectancy. Two new fueling islands with ten (10) new fuel dispensers were constructed at this facility, four (4) diesel, four (4) unleaded dispensers and two (2) DEF dispensers. A new fluid containment building was constructed. The location of the building was sited to provide easy vehicle access as well as close proximity to the fueling islands. New canopy lighting was also included in the project. The Pino Yards project also included installation of three new underground fuel storage tanks. Environmental documentation was provided by the design team to document the existing tank removal and the assessment of existing soils to ensure all contaminated materials were properly removed and disposed of. The Eastside project included a new fluid containment building to house the DEF tank and new diesel / DEF dispenser located on the existing fueling island.

Cost: $1.86 million  
Completed: January 2015  
Relevance: City of Albuquerque project; Renovation and additions; Site Assessments; Extensive as-built documentation. 
Contact: Jerry Francis, Architect/Project Manager, 505.768.3083

Staff Assigned/Roles:  
John Jarrard - Project Manager  
Joe Gallegos - Project Architect  
Kim R. Kemper - Principal-in-Charge  
Bridgers & Paxton - MEP Services

Huitt-Zollars provided design and construction phase services for the Uptown Transfer Center for the City of Albuquerque Transit Department. The project is located in a large retail/commercial area of Albuquerque known as Uptown. This area has a history of traffic congestion and air quality issues. To help alleviate these problems, increase bus-ridership, and stimulate mixed-use development, the City purchased a 0.6-acre site within the urban core to locate this new facility. The project serves as a route and neighborhood collector. The project not only provides the opportunity for mixed-use transit-oriented development, but also has begun to form a pedestrian-friendly circulation system, connecting the existing retail and office developments in the area. Huitt-Zollars provided all major design services required for the project, including architecture, civil and traffic engineering, landscape architecture, cost estimating, and construction administration services. Specialty consultants were used for environmental and developmental concerns. Huitt-Zollars also coordinated all community and neighborhood meetings. The project included covered waiting areas on a raised loading platform, information kiosk, realtime bus location signage and driver’s toilet room. The facility was designed to accommodate both 40-foot transit buses and 60-foot articulated buses, with designated berths for both types. Huitt-Zollars provided a liaison between the City of Albuquerque Transit Department, the Architect/Engineer of Record, and the Contractor.

Cost: $1.19 million  
Completed: December 2001  
Relevance: City of Albuquerque project; Site Assessments  
Contact: Anne Watkins/Project Manager, 505.764-6123

Staff Assigned/Roles:  
John Jarrard - Project Manager  
Joe Gallegos - Architect  
Kim R. Kemper - Principal  
Bridgers & Paxton - MEP Services
“Huitt-Zollars’ attention to our needs was outstanding. We requested a bulldog shaped pool, and that is no easy feat. Huitt-Zollars designed a one of a kind Bulldog pool. Huitt-Zollars is not just an architectural firm, they are wonderful people that truly care about the client and their needs.”

- Sandra Borges, President
ARTESIA AQUATIC CENTER FOUNDATION

SECTION IV
TECHNICAL APPROACH
IV. TECHNICAL APPROACH

STATEMENT OF THE PROJECT OBJECTIVES

It is our Team’s understanding the City of Albuquerque, Parks and Recreation Department is requiring at a minimum, the features listed below for the future North Domingo Baca Aquatic Center -

Community Engagement

Competitive Swimming Venue – Three bodies of water
- 10 lane (25m) by 25-yard Competition Pool (NCAA requirements for water polo and swimming)
- Leisure pool and Diving well (4ft-14.5ft with two 25-yard lap lanes)
- Outdoor – Leisure pool with slides and water features. Pool will consist of four (min.) 25-yard lap lanes; Splash Pad

Other requested uses for Pools
- Water Polo; Springboard Diving, Recreational Lap Swimming Activities;
- Scuba Diving Training; Water Therapy and Exercise Classes

State of the Art Facility
- Energy Efficient Building

TECHNICAL APPROACH TO ACHIEVING THE PROJECT GOALS

Listed below is our technical approach on fulfilling the City of Albuquerque’s project objectives for the North Domingo Baca Aquatic Center -

COMMUNITY ENGAGEMENT

A very important factor guiding the design for the new Aquatic Center will be meeting with and listening to the community during the design process. Our Team understand the critical nature of this project to the COA. Chris Green, Jose Zelaya and Miklos Valdez, will serve as our Community Engagement liaisons. Chris will lead this community engagement effort because of his experience in managing design teams on large-scale recreational projects and facilitating public input on such projects. Chris has been intimately involved in the development of North Domingo Baca Park, from preparation of the overall Master Plan through multiple phases of design/construction to the ongoing construction of the gymnasium addition to the Multi-Generation Center. Our community-involved design approach to aquatic facilities will be customized to fit the needs, desires and objectives of the COA and its citizens. We will meet with all stakeholders to actively discuss the leisure pool goals and features envisioned for this project. Once they are identified, these features will be prioritized as ‘preferred’, ‘satisfactory’ and ‘acceptable’, and these rankings will guide the conceptual designs for the new facility.

SITE

The landscape design for the new Aquatic Center will complement the same design concepts of the existing North Domingo Baca Campus including:
- minimize water use and maintenance while providing a visually appealing environment
- form earthen berms to define outdoor areas and create sightlines into the landscape.
- plant materials - formal and informal, will be layered in terms of color, height and texture to create interest and movement in the landscape create a community oasis with the application of shade trees.
- locate and select trees and shrubs for their seasonal color and texture and group in striking patterns to highlight these features while preserving the stunning views of the Sandia Mountains.
- native plants - water conserving plant, requiring less pesticides and fertilizers
- higher density planting to be in areas of more visibility and pedestrian circulation, and lower density plantings occur in areas of less pedestrian circulation, such as open space not used for field sports.
- site grading - parking areas for water harvesting opportunities.
- planting islands within the parking areas depressed and curb inlets for surface drainage to percolate into the landscape.

COMPETITIVE SWIMMING VENUE - NATATORIUM

Throughout the stakeholder and community input process, we will confirm and study the competition swimming, waterpolo and diving needs and desires to create a facility design that both meets the needs of the community and meets budget goals. Competition pool layouts will meet the requirements of all applicable governing bodies including USA Swimming/Water Polo, USA Diving, FINA, NCAA and UIL. The bodies of water will also need to meet the programming needs of the community, which means deep water sections for diving and scuba training, as well as shallow/warmer water areas for learn to swim, fitness and therapy and recreational swimming. Competitive swimmers want a fast pool, which means deeper and colder water, while recreation swimmers require warmer shallower areas. Amenities like bench seating, therapy jets and play features will help to meet the needs all user groups. Our Design Team is the most experienced in designing both competitive high level aquatic facilities and multi-generational pool facilities.

Timing and Video Board - A critical part of any aquatic competition is the timing system and video board. Major features:
- time keeping and record display functions
- advertising opportunities for COA events or sponsors
- video boards - Movie nights at NDB Aquatic Center
- times and scores create for record breaking times

Our Team will ensure that these options are discussed which in turn will provide a pleasing and attractive feature to display the successes of the future North Domingo Baca Aquatic Center.
**Locker Room**

Well-designed locker rooms will not only attract users to a facility, but will definitely keep them coming back. To ensure this happening, our Team will design locker and dressing room spaces that are inviting and comfortable and safe for users of all ages. As this will be a competition venue, consideration will be made for visiting teams and swimmers, and USA Swimming Safe Sport guidelines, to create a comfortable and safe environment for swimmers and spectators.

**Lifeguards**

The lifeguard area is a break and meeting area for lifeguards to view critical information like schedules, safety instructions, and other general communication. Lockers and changing areas/bathrooms are common in lifeguard areas. The lifeguard area typically also serves as the first aid station and will store necessary first aid supplies. Our design team will work with the COA to meet the needs of their lifeguard staff and create an area that will be both inviting to staff members and a safe space for the community.

**Building Security**

The public’s security is of utmost importance in today’s world. The Roswell Recreation and Aquatic Center main lobby was designed as a secured and controlled area. No unauthorized entry is allowed to the rest of the facility unless the staff remotely opens the doors. This layer of protection provides a piece of mind to the users of this facility. The same care will be given to the COA by our team regarding the issue of building safety.

**Mechanical Room**

A well thought out mechanical space will help make maintenance and operations easier and safer for staff members. The design team will work with COA staff to provide a well designed mechanical room for ease of operation which means a safer aquatic facility for the COA. Considerations like service access, separate chemical rooms, mechanical access, storage and future flexibility area all things the design team will discuss and work into the mechanical room design.

**Outdoors**

**Outdoor Family Aquatic**

The design team will create a design that meets the needs and desires of the community for an outdoor aquatic space. Per the COA initial requirements we know the following amenities are required:

- four (4) lane lap pool and recreation pool
- zero entry tot pool area
- splash pad and outdoor pool amenities

In our Team’s past three projects, we have introduced other potential outdoor amenities and would love to discuss new opportunities with the COA. Each pool will be designed with the community needs and desires in mind and could include any number of recreation features. Our Team will work with the COA to determine which features would be most attractive and beneficial to the community and would meet budget goals.

**Aquatic Features and Components**

Our Team is unique in the experience they bring to your project in that they aren’t just architects and engineers that specialize in pool engineering and design. They come from backgrounds as competitive athletes from neighborhood recreational leagues to world record holders, coaches, former facility owners, lifeguards, and aquatic facility managers. During the design process, we look at the project through these different points-of-view and experiences. From a risk management and operational perspective, our team will assist with lifeguard placement and sightlines, O&M manuals, CPO and AFO instruction, developing written and comprehensive standard operating procedures, and perform launch operations training. CH has been exclusively in the aquatics design and consulting business for over 45 years and is viewed as the industry leader, and have continued to work with hundreds of different local, state, provincial, and national codes; helped develop standards such as the Model Aquatic Health Code (currently adopted in New Mexico); and are members of NSF, NSPF, and countless other bodies. This perspective and experience has allowed our team to become intimately aware of the best and most responsible design practices. It is this insight into the world of aquatics that separates our team from any other.
CITY OF ALBUQUERQUE
North Domingo Baca Aquatic Center Project No. 7139.99

FILTERING SYSTEM - SANITATION

Calcium Hypochlorite – Sanitizer – Calcium hypochlorite (briquette chlorine) is a Class 3 oxidizer and is corrosive. Calcium hypochlorite tablets are placed in canisters and pool water is bypassed through the erosion feeders, dissolving the tablets and introducing chlorinated water back into the pool. Calcium hypochlorite is typically delivered in 5-gallon plastic containers that weigh approximately 50 lbs.

CO2 – pH Buffer – CO2 is a liquid and when it’s vented it becomes a gas. CO2 is an alternative pH balancing chemical that is effective with “soft” source water. CO2 is injected into water to release oxygen and carbonic acid. It is stored in 150 lb or 500 lb tanks.

AOP Pool Treatment System – Secondary Sanitizer - AOP systems use a chemical process to produce hydroxyl radicals from Ozone or Oxygen, and inject those hydroxyl radicals into the pool water. The hydroxyl radicals are a very potent oxidizer which react in the pool water to destroy pathogens and oxidize organic contaminants. The radicals are so unstable (reactive) they do not serve to provide a disinfectant residual in the pool water. Therefore, a halogen residual (chlorine) is still required as the primary sanitizer in the pool water. Some operators who have seen good success with AOP prefer to use it instead of UV as a secondary disinfectant.

Filtration – the two most common filtration methods for commercial swimming pools are high rate sand filters and regenerative media. High rate sand filters work on the principle of both surface and depth entrapment of solids inside fiberglass filter tanks. Water passes through the media to remove particulate matter. When loaded with dirt and debris, the water flow is reversed through the filter for a backwash cleaning. Regenerative media (RM) filters are filter systems which reuses the media without the need for backwashing. Elements inside the filter collect particulate. “Bumping” to remove the particulate from the elements will be required when loaded. The operation of the system follows the same mode as most other filters during filtration.

CLIMATE AND LIGHTING

Climate Control - Our team will make sure that latest state of the art HVAC systems will be explored for your project. HVAC design will be coordinated throughout the design team to ensure a comfortable and safe environment for both swimmers and spectators. In addition to HVAC design, applications to improve air quality will also be discussed and considered. Ultraviolet systems (UV) help break down combined chlorine and create better air quality while also deactivating harmful waterborne pathogens and have become the standard for indoor pool designs. Other technologies have also become available to supplement UV sanitation like Hydroxyl-Based Advanced Oxidation processes (AOP) and potassium monopersulfate systems. Initial climate control ideas are listed below:

- HVAC dehumidification style unit will be a complete environmental control system for the indoor pool. The system will utilize an environmental smart control package designed to meet all special needs of the indoor pool environment, while reducing energy usage and building maintenance costs.
- A centralized Facility Management System (FMS) shall be designed to integrate the factory packaged controls furnished with the HVAC equipment to control occupancy as well as monitor the operational conditions and alarms within the units. Operational conditions will be trended within the FMS to allow the operator to verify that the systems are operating correctly and environment conditions are being maintained. The FMS shall also have the ability to alert the operator if a system failure is detected in the units. All available technologies will be discussed throughout the design process so the COA can make the best decisions for the health and safety of their users.

ENERGY SAVINGS & SUSTAINABILITY

There are numerous opportunities to incorporate energy conservation, LEED design criteria, and sustainable design approaches in aquatic facilities. These opportunities range from:

- Appropriate site selection that promotes urban vitality.
- Water and energy conservation from the building, grounds and special systems.
- Building orientation and building envelope.
- Efficient building systems.
- Material and resource selection, environmental quality, and innovative design.
- Natural day lighting while minimizing glare.

Aquatic facilities are particularly taxing on energy and water resources. Year round, competitive aquatic venues regularly use millions of gallons of water per year. Special attention to water conservation and reclamation will be made. The dehumidification HVAC system in a facility such as the NDB swimming pool can produce up to 150,000 gallons of water a year. In spite of the enormous water waste, water harvesting recovered from cooling condensate is not widely used in aquatic facilities, and at times seen as controversial. Condensate water discharge directly to the pool is prohibited by Model Aquatic Health Code; so it’s important that the condensate water from the dehumidification unit is stored and later discharged “upstream” of pool filtration equipment. This water, also must meet EPA portable water quality standards before is recovered/discharged to the pool or be harvested to other uses such as landscape or grey water. Huitz Zollars and its consultant will collaborate with the COA and present a comprehensive plan to take advantage of this resource otherwise going to waste. This strategy may not only save millions of gallons of this precious resource but also boost public confidence that the City of Albuquerque is an innovative thinker on the vanguard of sustainable strategies.

Our team continually seeks these opportunities, and has become well-educated on implementation of such strategies. Our staff, as well as our consultants include LEED accredited professionals, such as Joe Gallegos and Doug Cook, who have led aquatic design efforts, resulting in many LEED certified and sustainable facilities. With operations impacted by rising costs of utilities, chemicals, and maintenance, our team provides innovative ways to recycle hundreds of thousands of gallons of water at aquatic facilities and water parks. Our team of LEED® accredited professionals’ sustainable design approach can substantially lower
operating costs via water conservation and energy efficiency through the following examples:

- **SPCS (Smart Pump Control System):** Load matching the pump to the recirculation system can lower electrical costs by 30% to 40%.
- **Regenerative Filtration:** Reduces water consumption up to 97% for the filtration process while reducing pool mechanical space.
- **Pool Heaters:** Has a boiler efficiency of 95% to 97% utilizing state-of-the-art combustion and heat transfer technology.
- **Underwater Pool Lights:** LED 70-watt lights are equivalent to 500-watt incandescent lights with 10 times the life span compared to traditional incandescent underwater lights.
- **Pool Blankets:** Blankets reduce evaporation losses and evaporative cooling from the pool thus reducing the heating load required for the pool.
- **Solar Heating Panels:** A thermal solar heating system used as a supplemental heat source to heat pool water which can provide 20-25% annual return on investment and a payback time of 4-5 years.

These and many other opportunities will be discussed with the client and stakeholders once the project program has been finalized.

**PROJECT MANAGEMENT APPROACH**

Our first step is to conduct a Project Kick Off meeting. This meeting confirms primary points of contacts; clarifies roles and responsibilities of the Design Team, Owner, and all applicable stakeholders. Most importantly, we listen to the Stakeholders and the COA staff’s Vision for the project. This vision outlines the desires for the facility but may also include budget, sources of funding. We will help develop and augment this Vision by discussing the goals, facts, needs, sustainable features, renewable energy sources and will also share and discuss preliminary concepts/images from the data we have collected through the years.

As the project develops we identify any obstacles and or unknowns that may prevent the success of the project goals. It is at this time that our aquatics expertise become invaluable to the conversation and the decisions ahead. We discuss the existing conditions versus projected needs, design strategies to identify possible future expansion or phasing and any budget constraints for the future facility. Finally, we develop a “Project Vision Statement” that will be our guide throughout the design and planning process.

These processes continue during the design phases and culminate when the Construction documents for the new facility are ready for Advertisement to Bid.
“Huitt-Zollars was contracted to design and ensure our project met the Owner’s requirements for the Artesia Aquatic Center. Huitt Zollars, did an outstanding job and communication was excellent.

- John Anguiano, FM/PM Supervisor
CITY OF ARTESIA
V. COST CONTROL

COST CONTROL AND COST ESTIMATING TECHNIQUES

DESIGN COST CONTROL

Our team offers proven abilities to meet time schedules and accommodate cost considerations. In order to promote the timely achievement of budget and schedule objectives, the City of Albuquerque and our Team will meet to establish a mutually agreed upon and attainable parameters. During initial stages of the A/E Services a detailed schedule will be formulated and the budget will be confirmed.

We manage design costs with our in-house accounting system. Each project is initiated with a Project Entry Form including budgeted hours and costs for each phase and task. Timesheets, expense reports, and consultant invoices are submitted and approved by the project and managing principals weekly. On the Tuesday following the Saturday closeout of a monthly billing cycle, the Project Manager receives a detailed work-in-progress report with actual hours and costs to date for each phase and task. Within two to three weeks of the monthly closeout, the Parks and Recreation Department will receive a detailed invoice and progress report. The Huitt-Zollars’ accounting system requires the Project Manager to enter a percent actual complete monthly and this is compared to the percent spent. This allows the PM to accurately track the monthly labor effort spent in comparison with the remaining budget. This monthly tracking adds value to by assuring the City that no cost surprises will negatively affect the project during the design process.

APPROACH TO BUDGET/VALUE ENGINEERING

We understand the importance of designing within budget. Our team will provide design solutions and value engineering options that are functionally and aesthetically pleasing, while constantly monitoring our assessment of related costs.

Some specific strategies we use to maintain budget adherence include:

- Continual review of the project’s program requirements relative to the budget.
- Evaluate health codes and other regulatory requirements governing aquatic features.
- As the aquatic features are defined, an assessment is done to verify that the design is proceeding within budget and discussed at regularly scheduled meetings.

CONSTRUCTION COST CONTROL

At the beginning of a project, we will make a preliminary estimate and compare it with the budgeted or funded cost. If there is a discrepancy, we will work with the City to develop a plan of action before proceeding with a project that may have been under budgeted. As the project progresses, the estimate will be reviewed and analyzed as necessary. Formal estimates based on plan quantities and anticipated unit prices, using the COA City Engineer’s Estimated Unit Prices among other standard published data, will be prepared upon each milestone deliverable. At the end of Construction Documents, a final estimate will be prepared for advertisement of construction services.

We propose that for each project a basic solution is identified that can be used as a baseline to compare the cost effects of proposed changes and enhancements. This is an effective way to control scope growth or scope creep, which leads to cost overruns.

COST ESTIMATING TECHNIQUES

Understanding construction cost is critical to the success of each project. Our team is cognizant of these parameters with multiple tools in place to help ensure the project is in line with the budget and can meet the owner’s schedule. Our consultants, a nationwide practice and industry leading firm, Counsilman-Hunsaker issues on average over 100 commercial swimming pool projects for construction each year. By tracking the bidding process for each project type, we have collected large volumes of annual data on lump-sum competitive bid aquatic center projects across the country. Using the data collected, we can generate accurate cost estimates. Our internal opinion of cost estimating procedures utilizes a proprietary database and calculation technique that allows a preliminary cost projection to be developed very early in the design phase of the project. This estimate can then be refined with greater detail as the design progresses and specific decisions and selections are made. This process is critical due to the ever-changing construction industry and bidding climate. The design/construction industry accepted standard is this: a project with below 3% A/E change orders is considered to be (almost) without flaw. Designing a one-of-a-kind building is a vastly complex undertaking, even under the most ideal conditions. Huitt-Zollars record of Non-Owner change orders is less than 1%.

<table>
<thead>
<tr>
<th>Name of Project</th>
<th>Month/Year of Bid</th>
<th>No. of Bids</th>
<th>Final Cost Estimate</th>
<th>Low Bid Amount</th>
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<tbody>
<tr>
<td>Artesia Aquatics Center</td>
<td>June 2018</td>
<td>CMAR</td>
<td>$19,100,000</td>
<td>CMAR $18,300,00</td>
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<tr>
<td>Central &amp; Unser Transit Center</td>
<td>May 2018</td>
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<td>$2,483,250</td>
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<td>June 2017</td>
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<td>$19,650,000</td>
<td>$19,800,000</td>
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COMPARISON CHART: BID AWARD AMOUNT TO FINAL COST ESTIMATE DURING PAST TWO YEARS

The chart above demonstrates Huitt-Zollars’ ability to design projects within the owners’ budgets and to accurately estimate the project construction costs.

Huitt-Zollars is chosen by clients because of its long-standing reputation for quality. Consistently listed in the top ranks of Architectural Record and Engineering News-Record’s list of high-performing firms, our team has outstanding client retention rates and references from satisfied cities, counties, and public agencies. Huitt-Zollars is an employee-owned firm. Therefore, each employee has a vested interest in the quality of their work and in how their work is accepted or perceived. As stated in the firm mission statement:

“Our commitment is to understand the needs of our clients and to meet those needs by delivering professional services with the highest level of quality and integrity.”
# Pay Equity Reporting Form PE10-249, Version 03-2018

<table>
<thead>
<tr>
<th>Job Category</th>
<th>No. Females</th>
<th>No. Males</th>
<th>Gap (Absolute %)</th>
</tr>
</thead>
<tbody>
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<td>4</td>
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</tr>
<tr>
<td>1.2 First/Mid Level Officials/Mgrs</td>
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<tr>
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<tr>
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<td>6 - Craft Workers (Skilled)</td>
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- Total # Job Categories With No Employees: 6
- Total # Female Only Job Categories: 1
- Total # Male Only Job Categories: 1
- Total # Females (all categories): 11
- Total # Full Time Females: 11
- Total # Part Time Females: 0
- Total # Males (all categories): 23
- Total # Full Time Males: 23
- Total # Part Time Males: 0
- Total # Employees: 34
- Female % Workforce: 32.35%
- Male % Workforce: 67.65%
- Calculated Weighted Average Gap: 15.52%

Must be signed by the principal executive of the company:

RFP #: 7139.99

Signature certifies that all employees working in New Mexico are included, the data is for the current calendar year, and any challenges to your information may require you to get third-party verification at your own expense.

Kim R. Kemper, PE, Senior Vice President
Name and title, printed

Signature
Date submitted

Kim R. Kemper, PE, Senior Vice President
Signature
April 1, 2020

Submit only this form
City of Albuquerque Capital Implementation Program

Agreement and Insurance Certification

We have reviewed the standard agreement for Engineering or Architectural or Landscape Architectural Services that are required for the project listed below, and hereby certify that we will, if selected for the project, enter into this standard agreement for this project and meet all insurance requirements listed therein.

This Certification is intended for the use of the City of Albuquerque only, in conjunction with the award of the Engineering or Architectural or Landscape Architectural Services Agreement for Project:

Project Name   North Domingo Baca Aquatic Center Design

Project Number   7139.99

Date    April 1, 2020    Firm Name    Huitt-Zollar, Inc.

Signature

Title    Senior Vice President

STATE OF NEW MEXICO )
 ) ss
COUNTY OF BERNALILLO )

The above Certification was subscribed before me, the undersigned authority, by:

Kim R. Kemper, PE, Senior Vice President

who swore upon oath that this Certification was signed of free act and deed, on this

1st    day of April    , 2020

(Notary Public)

My commission expires:    October 28, 2023

OFFICIAL SEAL
Anita M. Spacagna
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 10-28-2023