

FIRST AMENDMENT TO TULARE COUNTY AGREEMENT NO. 27627

THIS AMENDMENT NO. 1, referred to as "AMENDMENT", to Tulare County Agreement No. 27627, referred to as the "AGREEMENT", is entered into as of _____, 2018, between the COUNTY OF TULARE, referred to as "COUNTY", and Arrington Watkins Architects, LLC, referred to as "CONSULTANT", incorporated within the State of Arizona in 1994, with reference to the following:

A. WHEREAS, COUNTY has received funding from various sources to design and construct a Transit Operations and Maintenance Facility ("TOMF"), including Public Transportation Modernization, Improvement, and Service Enhancement Account Program (PTMISEA), Congestion Mitigation and Air Quality Improvement Program (CMAQ), Tulare County Measure R, CalOES Prop 1 B Grant Program, State Transit Assistance (STA) and Local Transportation Funds (LTF) (Collectively referred to as the "Funding Sources").

B. WHEREAS, COUNTY entered into AGREEMENT with CONSULTANT to design TOMF and provide related services; and

C. WHEREAS, COUNTY is undertaking a separate project to design and construct a fire station south of the TOMF as part of COUNTY's Central Road Yard Master Plan; and

D. WHEREAS, COUNTY formed an Ad Hoc Committee under COUNTY Resolution No. 2016-0806 to review the design and cost considerations for the TOMF and interagency coordination for the Central Road Yard Master Plan; and

E. WHEREAS, COUNTY and CONSULTANT wish to enter into this AMENDMENT for the purposes of modifying the scope of work to include additional Geotechnical services, additional fire pump-related electrical design services, additional cost management services for comparing multiple construction options, additional design, bid phase, and construction phase services for separating and expediting the well and portion of the water system separately, additional design services for separating the operations and maintenance buildings, and additional design services for providing an add/alternate for the operations building.

ACCORDINGLY, IT IS AGREED:

1. EXHIBIT A - SCOPE OF WORK of the AGREEMENT is amended to modify and add the following tasks:

- **Task 5 – Construction Administration:**
 - Provide additional civil and CNG construction administration services to cover the full term of the TOMF construction schedule.
 - Provide additional project management and consultant coordination for construction administration increase.
 - These services include additional time for RFI responses, submittal & shop drawing reviews and site observation visits.
- **Task 6 – Geotechnical – (3) additional borings for the proposed Fire Station:**
 - Requested by County on June 21st, 2016.

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- Coordinate and direct Salem Engineering Group, Inc. to provide three (3) additional site borings at the proposed fire station area located just south of the TOMF project.
- Coordinate with fire station design team on preferred locations for boring samples.
- Identify the location of three (3) additional boring locations on an exhibit site plan.
- Perform additional drilling and soil sampling at the proposed fire station site.
- Classify the soil samples.
- Include all findings within the final geotechnical report.
- **Task 7 – Geotechnical – Well Site Boring:**
 - Requested by County on June 21st, 2016.
 - Coordinate and direct Salem Engineering Group, Inc. to provide one (1) additional site boring at the new well site location on the north side of the TOMF site.
 - Identify the location of one (1) additional boring on a revised site plan exhibit
 - Work consisted of drilling and classifying soils in one (1) location to a maximum depth of 50 feet below existing grade or practical refusal for the new well site location.
 - Mobilize for the TOMF site to USA mark the boring location within a few days of authorization.
 - Perform drilling and all field work in one day.
 - Classify the soil sample.
 - Prepare a written addendum to the original geotechnical report.
 - Submit a final revised geotechnical report to the County.
- **Task 8 – Well Site Dedicated Electrical Service Design for Fire Pump:**
 - Coordinate project team on fire pump location and size.
 - Facilitate two (2) additional online meetings to discuss fire pump requirements.
 - Develop a separate dedicated electrical service for a 100 horsepower electric fire pump at the well yard.
 - Prepare construction documents and one line diagrams for the dedicated electrical service.
 - Provide additional project specifications for the fire pump and service items.
 - Contact and coordinate with the electrical company proposed service line and transformer locations.
 - Incorporate design into a separate bidding package for the well site.
- **Task 9 – Provide Additional Cost Management Services**
 - Requested by County on October 3rd, 2016 as a result of the Ad-Hoc Committee Discussions.
 - Coordinate drawings, exhibits and estimating intent with Cumming.
 - Prepare four (4) additional estimate iterations for major scope revisions based on splitting the main building into two (2) separate structures.
 - Prepare a schematic design summary matrix that provides estimates for five (5) different structural options for the Maintenance building construction.
 - Prepare a schematic design summary matrix that provides estimates for four (4) different shell options for the Administration building construction.

- Coordinate with the County on presentation of the multiple cost options to the Ad-Hoc Committee meeting on October 17th, 2016.
- Prepare a budget utility comparison spreadsheet for the County that identifies the cost impact to the various user groups for the development of the site infrastructure.
- **Task 10 – Preparation of Separate Drawings & Specifications for Well Site Bid Package and to Provide Additional Construction Administration Services**
 - Requested by County on October 24th, 2016 as a result of Ad-Hoc Committee.
 - Prepare separate drawings and specifications for a Well Site bid package.
 - Task includes civil grading, main water line extension and connection to existing Road Yard site, development of new well, development of water storage tank, architectural fences and gates, equipment pads & foundations, electrical service, pumps and power circuiting for the well site.
 - Provide additional project management and coordination of documents with County.
 - Accelerate and fast track the design schedule for the Well Site package and have documents ready for bidding in January 2017 ahead of the TOMF portion.
 - Prepare new title blocks and cover sheet independent from TOMF portion.
 - Develop independent sheet numbers and project titles for a stand-alone project.
 - Modify the TOMF project documents to remove the Well Site portion of the work and reference those areas as a separate project.
 - Develop additional project details and specification sections to allow Well Site package to be a complete set of documents independent of the TOMF project.
 - Provide additional civil engineering services to prepare a separate bid package for the Well Site.
 - Provide additional electrical engineering services to prepare separate bid package for Well Site.
 - Prepare additional separate civil and electrical drawings and specifications dedicated to the Well Site and independent of the TOMF project.
 - Provide additional coordination meetings, communication and document reviews to make sure the two projects are coordinated between each other.
 - Package and review final documents.
 - Submit final documents to County for review and bidding.
 - Provide additional bidding support through answering RFI's, preparing addendum support documents and attending additional meetings to support the bidding process.
 - After completion of 1st bid opening, County rejected all submitted bids due to technicalities with no fault from the design team. After a 2nd public bid period was established, all previously submitted addendum information was incorporated into the Well Site drawings and specifications.
 - Provide additional bidding support for the 2nd bid process by answering additional RFI's, preparing additional support documents and attending additional meetings with County staff and attending the additional pre-bid meeting.
 - Provide additional Construction Administration services for the Well Site. These services include additional time for RFI responses, submittal and shop drawing reviews and site observation visits.

- **Task 11 – Separate the main TOMF building into two separate building structures, each with a different construction type.**
 - Requested by County on October 24th, 2016 as a result of Ad-Hoc Committee.
 - The main TOMF building will be divided into two separate buildings. The first shall be the “Maintenance Building” and the second shall be the “Operations Building”.
 - The Maintenance Building shall be designed and constructed utilizing a pre-engineered metal building PEMB construction type.
 - The Operations Building shall be designed and constructed utilizing wood framed bearing walls with a stucco finish and engineered wood trusses with a concrete tile roof system.
 - The Operations Building shall be designed to provide a base bid for core and shell with an add alternate to provide the full interior fit out of the operations building.
 - Coordinate all design revisions with consultants.
 - Modify drawings and specifications from original intent to comply with new direction.
 - Provide additional structural engineering and detailing for providing a wood framed structure.
 - Accelerate the design review submittals to provide a 95% construction documents set into the County for permit review by December 31st, 2016. This will lock the project into the 2013 California Building Code cycle.

2. EXHIBIT B – SCHEDULE of the AGREEMENT is amended to read as follows:

Notice to Proceed	May 25, 2016
Schematic Design	July 22, 2016
50% Design	November 18, 2016
95% Design	December 23, 2016
Well Site Bid Documents	January 09, 2017
Final TOMF Bid Documents	June 01, 2017
Construction Bids Received	February 8, 2018
Construction Completed	June 2019
Project Closeout	July 2019

3. The Fee and Scope Schedule of EXHIBIT C – COMPENSATION FOR CONSULTANT’S SERVICES of the AGREEMENT is to be replaced with that attached hereto as Exhibit C to reflect additional compensation for CONSULTANT’S services as described in revised Exhibit A. Exhibit C is amended to add the following:

Task 5: Construction Administration:

	<u>Cost</u>	<u>Fee Rate</u>	<u>Fee</u>	<u>Sub-total</u>	
a. Arrington Watkins	\$2,200	10%	\$220	\$2,420	
b. Quad Knopf	\$13,500	10%	\$1,350	\$14,850	
c. Task 5 - Total					\$17,270

Task 6: Geotechnical – (3) additional borings for the proposed fire station:

	<u>Cost</u>	<u>Fee Rate</u>	<u>Fee</u>	<u>Sub-total</u>
a. Arrington Watkins	\$455	10%	\$45	\$500

b. Salem Engineering	\$1,402	7%	\$98	\$1,500	
c. Task 6 - Total					\$2,000

Task 7: Geotechnical – Well Site Boring

	<u>Cost</u>	<u>Fee Rate</u>	<u>Fee</u>	<u>Sub-total</u>	
a. Arrington Watkins	\$455	10%	\$45	\$500	
b. Salem Engineering	\$1,210	7%	\$85	\$1,295	
c. Task 7 – Total					\$1,795

Task 8: Well Site dedicated electrical service design for fire pump:

	<u>Cost</u>	<u>Fee Rate</u>	<u>Fee</u>	<u>Sub-total</u>	
a. Arrington Watkins	\$909	10%	\$91	\$1,000	
b. Teter – Elec.	\$4,545	10%	\$455	\$5,000	
c. Task 8 – Total					\$6,000

Task 9: Provide Additional Cost Management Services:

	<u>Cost</u>	<u>Fee Rate</u>	<u>Fee</u>	<u>Sub-total</u>	
a. Arrington Watkins	\$568	10%	\$57	\$625	
b. Cumming	\$3,977	10%	\$398	\$4,375	
c. Task 9 – Total					\$5,000

Task 10: Preparation of Separate Drawings & Specifications for Well Site bid package & CA:

	<u>Cost</u>	<u>Fee Rate</u>	<u>Fee</u>	<u>Sub-total</u>	
a. Arrington Watkins	\$11,080	10%	\$1,108	\$12,188	
b. Teter – Elec.	\$6,818	10%	\$682	\$7,500	
c. Quad Knopf	\$32,892	10%	\$3,289	\$36,181	
d. Task 10 – Total					\$55,869

Task 11: Provide Two (2) Separate Building Types (Maintenance & Operation Buildings):

	<u>Cost</u>	<u>Fee Rate</u>	<u>Fee</u>	<u>Sub-total</u>	
a. Arrington Watkins	\$22,160	10%	\$2,216	\$24,376	
b. Teter – MP.	\$6,271	10%	\$627	\$6,898	
c. Teter – Elec.	\$6,271	10%	\$627	\$6,898	
d. Teter – Struct.	\$6,271	10%	\$627	\$6,898	
e. Task 11 – Total					\$45,070

Total Additional Compensation: \$133,004

4. EXHIBIT E (“Vital Personnel”) is amended to add the following individuals:

List of Vital Personnel			
Vital Personnel	Role	Billing Class	Contact Information
Robert F. Gottselig <i>Teter</i>	Structural Engineer	Managing Structural Engineer	Email: robby.gottselig@teterae.com Telephone: (559) 437-0887 Address: 7535 N. Palm Ave., Suite 201 Fresno, CA 93711
Tom McCurdy <i>Quad Knopf</i>	Civil – Public Works Manager	Senior Project Manager	Email: Tom.McCurdy@qkinc.com Telephone: (559) 733-0440 Address: 901 East Main Street Visalia, CA 93277

All other terms and conditions of Tulare County Agreement No. 27627 will remain in full force and effect.

THE Parties, having read and considered the above provisions, indicate their agreement by their authorized signatures below.

COUNTY OF TULARE

By _____
Chairman, Board of Supervisors

ATTEST: _____,
County Administrative Officer/
Clerk of the Board of Supervisors

By _____
Deputy Clerk

CONSULTANT

By _____

Patricia M. Thornton, President
Arrington Watkins Architects, Inc.

By _____

Michael W. Conder, Secretary / Treasurer
Arrington Watkins Architects, Inc.

Approved as to Form
County Counsel

By _____
Deputy

Matter ID: _____

EXHIBIT C
REVISED FEE AND SCOPE SCHEDULE