



Leighton Consulting, Inc.

A Leighton Group Company

June 23, 2023

Proposal No. TE23-133

Perris Union High School District
155 E 4th Street
Perris, California 92570

Attention: Mr. Chad Goodwin

**Subject: Proposal for Geotechnical/Materials Testing and Special Inspection
Perris Lake HS – Proposed 2023 Shade Structure - DSA 04-122548
Perris Union High School District, Perris, California**

In accordance with your request, we are pleased to present this proposal to provide geotechnical/materials testing and special inspection services for the subject project.

PROJECT DESCRIPTION

Our understanding of the project is based primarily on our review of the current plans and specifications prepared by PJHM Architects (DSA approved 06/15/23) and DSA-103 form. Based on this review, the proposed improvements generally include construction of 1-Shade Structure and miscellaneous new PCC and AC pavement. No construction schedule was available for our review and our estimated field hours are solely based on past experience with similar projects.

PROPOSED SCOPE OF WORK

Based on the above, the main disciplines or tasks expected on this project are summarized below:

- **Geotechnical Observation and Report:** We will perform part-time/as-needed geotechnical observation and testing during subgrade preparation for pavement construction. DSA 293 is not required for this project. Project Inspector (PI) is to observe and verify construction of caissons for shade structure.
- **Tag and Sample (Off-Site):** If not yet completed, we will pick up representative reinforcing steel samples and "tag" source materials for site delivery identification.
- **Fresh Concrete Sampling and Testing (On-Site):** We will provide a technician that has been certified by the American Concrete Institute (ACI) as a technician for sampling concrete. Our field technicians will sample fresh concrete, perform slump tests (ASTM C 143) and (if requested) air content tests (ASTM C 173 or C 231) when requested by the DSA project inspector. Air content tests will only be performed if specifically requested. Concrete batch plant inspection is not required for this project based on DSA 103.

- **Post-Installed Anchors/Epoxy Dowels (On-Site):** We will provide a special inspector to observe installation of post-installed epoxy and screw/expansion (mechanical) concrete and masonry anchors. Our special inspector will view installation of these anchors in accordance with ICC-ES Evaluation Report, specific to anchors used. We will also provide pull, torque and/or proof testing, as necessary, of installed concrete anchors
- **Welding Inspection (onsite and offsite):** Our services will consist of inspection of welding procedures and welds for conformance to approved plans, specifications, and building codes. This inspection is generally performed on a continuous basis during structural welding. The inspector may use gamma ray, sonic or any other aid for visual inspection that he may deem necessary to assure the adequacy of the welding.
- **Structural Steel High Strength Bolting (On-Site):** We will provide an American Welding Society (AWS) Certified Welding Inspector (CWI) with ICC structural steel and bolting to verify high-strength bolting connection of beam to beam/column (including Skidmore-Wilhelm bolt tension verification testing).

Reports of tests presenting applicable information will be prepared at the completion of laboratory testing, and electronic copies (PDFs) e-mailed. Our professional and clerical support services will also include the following:

- **Project Management/QC:** A California licensed Civil Engineer (PE) will review all DFRs and laboratory test results, and staff will prepare reports for distribution. Materials concerns encountered in the field and noted in DFRs, and any material tested and found to not conform to project specifications, will be brought to the attention of the District's designated representative and your DSA designated Project Inspector. Supervision, quality and project management will be provided by our Civil Engineer (PE) as Laboratory of Record (LOR).
- **Project Closeout:** We will prepare DSA-291 (Laboratory of Record Verified Report) form as the inspection card requires (interims) and when the project is completed (final), which will be required by DSA to properly closeout this project. These forms will also be uploaded to the DSA "Box".

SITE SAFETY

Site safety is the responsibility of the contractor. Therefore, we will notify the contractor's site representative, and your Project Inspector if/as directed by you for this project, whenever we are on site. This should be established at the pre-construction meeting.

SCHEDULE

We are prepared to begin our work immediately upon receipt of your signed authorization to proceed. Scheduling of our technicians and inspectors should be done in accordance with the requirements of the Project Manual; however, we would like two working days

advance notice when scheduling our field personnel at the commencement of construction; work thereafter may be scheduled with one working day (minimum 24-hour) notice. Calls to our dispatch after 3:00 pm (prior workday) or on weekends and holidays are not addressed until the first following working day, without prior arrangement. We anticipate our personnel will be on site periodically for both full-time and/or part-time observation and testing, as requested by your field representative. We will work with your field representative to reduce standby time or unnecessary trips to the site. We anticipate that a construction management (CM) representative or PI will be onsite to (1) schedule our personnel, (2) supervise various contractors' activities and (3) respond to deficiencies in materials if necessary.

FEES AND TERMS

Time and Expense Fee Schedule

The actual amount of time, and our associated fees, will be dependent on weather, exposed subsurface conditions, requests of the District and/or PI and the contractor's schedule, sequencing, pace and efficiency. We understand that the District will approve all changes prior to cost adjustments. Our services will be billed in accordance with *our approved Professional Fee Schedule*. This is PREVAILING WAGE, field services hourly rates may change commensurate with prevailing wage rate changes mandated by the California Department of Industrial Relations (DIR).

Budget Estimate and Assumptions

Our budget is estimated based on our understanding of current work progress and the results of previous testing is submitted and approved. Our budget is also based on normal daylight workday shifts of 8 hours per day, 40 hours per week, Monday through Friday except holidays. Overtime is not included in our budget. Overtime work (over 8 hours per day, weekends or holidays). Our estimate does not include costs for response to project RFI's, additional field hours requested beyond those stated herein, or respond to comments of any regulatory agency. Also excluded from our budget estimate are:

- Site concrete inspection and testing (i.e. 2,500 psi or less),
- Costs of tests or inspections due to the following:
 1. Additional costs due to overtime work or extra work because of improper scheduling of technicians and/or inspectors, or of delivery of structural materials by the contractor without DSA required plant inspection documentation and/or mill certifications,
 2. Retests resulting from changes in sources, lots or suppliers of materials after original tests are completed,

3. Changes in methods or materials of construction that require testing, inspection and/or other related services in excess of that required by the original design,
4. Concrete mix design reviews and letters in excess of 1 mix design.

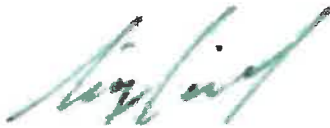
A detailed breakdown of the estimated fee is included in Table 1, attached. We assume that a Purchase Order will be issued to us before we invoice, which will reference the terms and conditions of our mutually agreed to agreement, and document your authorization for this scope, schedule and fee. Any changes in these terms and conditions may require a change in the scope of services or fees or both. Our estimated fee for the proposed / anticipated services is **\$17,141**.

CLOSURE

We appreciate the opportunity to be of continued service. If you have any questions or information that would update our scope of work, please call us at 1-866-LEIGHTON or the contact information provided below.

Respectfully submitted,

LEIGHTON CONSULTING, INC.



Simon I. Saiid, PE, GE
Sr. Principal Engineer/Department Leader
Ext. 8013, ssaiid@leightongroup.com



Lance W. McCoy
Operations/Project Manager
Ext. 8925, lmccoy@leightongroup.com

Attachments: Table 1 Cost Breakdown
Scope of Work Agreement

Distribution: (1) Addressee via electronic mail

Leighton Consulting, Inc.

Table 1 - Estimated Fees

Perris UHSD - Perris Lake HS (1) Shade Structure 04-122548

Materials Testing and Special Inspection Services

Proposal # TE23-133 (6/21/2023)

TASK DESCRIPTION	RATE	UNITS	COST	
Project Review				
Operations Manager	\$181.00 / hour	2	\$362.00	
Project Administrator/Word Processor	\$81.00 / hour	2	\$162.00	
		SUBTOTAL	\$524.00	
Non-Prevailing Wage Special Inspections				
Senior Technician	Anchor Bolt Material ID (Required on 103)	\$115.00 / hour	4	\$460.00
Special Inspector	CWI Shop Welding - Salem, IL	\$155.00 / hour	10	\$1,550.00
Senior Technician	Rebar Sampling- Material ID	\$115.00 / hour	8	\$920.00
		SUBTOTAL	\$2,930.00	
Prevailing Wage Field Inspection				
Field Soils/Material Tester (Prevailing Wage)	SG and AB Density Tests	\$132.00 / hour	24	\$3,168.00
Special Inspector (Prevailing Wage)	Concrete Sampling (No Batch Required) - Anchor Bolts	\$142.00 / hour	16	\$2,272.00
Field Supervisor	Site Coordination/Review	\$147.00 / hour	4	\$588.00
Vehicle Usage	Truck/Equipment	\$16.00 / hour	24	\$384.00
		SUBTOTAL	\$6,412.00	
Laboratory Testing				
Modified Proctor compaction 4 inch mold (Methods A & B ASTM D1557)		\$220.00 / each	2	\$440.00
Rebar tensile test, ≤ up to No. 11 (ASTM A370)		\$65.00 / each	2	\$130.00
Rebar bend test, up to No. 11 (ASTM A370)		\$65.00 / each	2	\$130.00
F3125 GR A307, A325 Bolts, tensile test, ≤ up to 1-1/4" diameter, plain (ASTM A370)		\$65.00 /	2	\$130.00
F1554 Bolts, tensile test, ≤ up to 1-1/4" diameter, plain (ASTM A370)		\$100.00 /	2	\$200.00
Pick-up & delivery – (weekdays, per trip, <50 miles from Leighton office)		\$90.00 / each	1	\$90.00
Concrete cylinders compression (ASTM C39 6" x 12") (4" x 8")		\$35.00 / each	5	\$175.00
		SUBTOTAL	\$1,295.00	
Project Administration / Management				
Principal	PM/QC	\$257.00 / hour	2	\$514.00
Operations Manager	Review and prepare DSA reports	\$181.00 / hour	6	\$1,086.00
Project Administrator/Word Processor		\$81.00 / hour	4	\$324.00
Dispatcher		\$81.00 / hour	2	\$162.00
		SUBTOTAL	\$2,086.00	
			TOTAL ESTIMATED COST	\$17,141.00



SCOPE OF WORK AGREEMENT

This Scope of Work, effective June 23, 2023, is, upon execution of the Parties, incorporated as Scope of Work Number ___ under Master Services Agreement No. C72380M by and between Leighton Consulting, Inc. and Perris Union High School District ("CLIENT").

PROJECT LOCATION: Perris Lake HS – Proposed 2023 Shade Structure, Perris, California, DSA 04-122548

DESCRIPTION OF SERVICES: Proposal for Geotechnical, Materials Testing and Special Inspection, see attached proposal.

LEIGHTON CONSULTING:
41715 Enterprise Circle N, Suite 103
Temecula, California 92560
Telephone: 951.296.0530
Cell Phone: 909.684.6462
Prime Contact: **Mr. Simon Saiid**

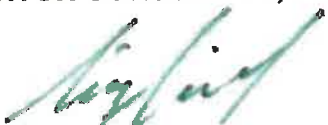
CLIENT
PERRIS UNION HIGH SCHOOL DISTRICT
155 E 4th Street
Perris, California 92570
Telephone: 951.943.6369, ext. 80275
email: Chad.goodwin@puhsd.org
Prime Contact: **Mr. Chad Goodwin**

FEE: The Services shall be undertaken on a time and expense basis in the amount of **\$17,141** as further described in attached Table 1.

I have reviewed and agree to this scope of work.

LEIGHTON CONSULTING, INC.

PERRIS UNION HIGH SCHOOL DISTRICT
client



By (Signature)

By (Signature)

Simon I. Saiid
(Print Name)

(Print Name)

06/23/2023
Date

Date

CLIENT ACKNOWLEDGES THAT THEY HAVE READ AND UNDERSTANDS THE DOCUMENT ENTITLED "INFORMATION FOR CLIENTS REGARDING LEIGHTON CONSULTING'S SERVICES"