

August 26, 2015

Mr. George Parker
Davis Joint Unified School District
Director of Facilities, Maintenance & Operations
1919 5th Street
Davis, California 95616
E-mail: gparker@djud.net

Re: **Proposal for Civil Engineering Services @ Davis Senior High School, Davis, California**

Dear Ms. Ruth:

Laugenour and Meikle is pleased to present this proposal for civil engineering and land surveying services for the above referenced project. A detailed description of the services to be provided is included in the attached Exhibit "A", Scope of Services & Compensation, which reflects the standard items of work required for this type of project.

If you have any questions or comments, please call.

Sincerely,

LAUGENOUR AND MEIKLE



Bryan P. Bonino, Principal, P.E., L.S.

Enclosure

EXHIBIT “A”

SCOPE OF SERVICES & COMPENSATION

I. SCOPE OF SERVICES:

A. TOPOGRAPHIC SURVEY & BASE MAPPING:

- Horizontal and vertical control, including boundary ties, per Agency Control Data.
- Research current record maps, deeds and easements.
- Topographic survey for civil design of parking lot and tennis court areas, including setting project control and benchmarks.
- Determine utility inverts for design (based on being able to physically determine inverts, does not include potholing).
- Create a topographic base map showing property lines and easements created from the record data, and the topographic survey. This base map will be used in our analysis and design.
- Supply Client with electronic file (AutoCAD).
- Cost could be reduced if Client can provide AutoCAD files for previous work to reduce drafting time.

B. PRELIMINARY SITE ANALYSIS:

- Determine site constraints for grading, drainage, and ADA accessibility for parking lot and tennis court improvements per Agency standards.
- Make site plan recommendations based on design constraints.
- Review Agency Standards and Client design requirements.
- Prepare Site Plan per Client’s requirements, Agency Design and ADA Standards.
- Meet with Client on options to adjust site plan due to constraints.

C. PAVEMENT REHABILITATION AND DRAINAGE PLAN:

- Based on Client approval and on topographic survey, finalize pavement rehabilitation design for parking along with grading and drainage plan for tennis court improvements.
- Prepare final plans for site pavement rehabilitation for parking along with grading and drainage plan for tennis court improvements.
- Prepare special provisions per Agency Standard Specifications. Assumes Agency will prepare “Front End” Specifications/Bid Package. Tennis court will be an add alternate.

D. BIDDING & CONSTRUCTION ADMINISTRATION:

- Bidding assistance including written clarification of plans and specifications, preparation of addendums, and attend pre-construction meeting.
- Review and comment on project submittals related to civil design.
- Conduct periodic site visits on an as-requested basis.
- Upon request of Client review proposed contract change orders and check compliance with the Contract Documents.
- Construction administration estimate is for 40 hours of work for Senior Engineer.

E. ASPHALT PAVEMENT ANALYSIS AND SPECIFICATION:

- Asphalt and material testing by AEC Consultants.
- Asphalt pavement design for parking lot by AEC Consultants.
- Specification for parking lot asphalt by AEC Consultants.

II. COMPENSATION:

Our estimated costs for the components of this project are as follows:

A. Topographic Survey/Base Mapping	\$ 7,240.00
B. Preliminary Site Analysis	\$ 3,600.00
C. Pavement Rehabilitation and Drainage Plan.....	\$ 18,000.00
D. Bidding & Construction Administration.....	\$ 7,000.00
E. Asphalt Pavement Analysis and Specification	<u>\$ 9,920.00</u>
PROJECT TOTAL:	\$45,760.00

These costs are based on the following Laugenour and Meikle Prevailing Wage Rate Schedule (Exhibit B). Government agency fees are not included in this cost proposal.

III. EXCLUSIONS AND/OR RESPONSIBILITIES OF CLIENT OR OTHERS:

1. To provide Consultant with current title reports, including supporting documents for project site and adjacent properties.
2. Design of dry (electric, gas, telephone and cable television) utility systems.
3. Any structural, acoustical, electrical, geotechnical engineering, traffic engineering for signal design or landscape architecture.
4. Client agrees consultant will not perform on-site construction review, construction management, supervision of construction of engineering structures, or other construction supervision for this project unless specifically provided for in another Agreement.
5. All investigations, work responsibilities, duties, or acts related to or involving archeological resources, endangered species or wetlands and asbestos, pollutants, or contaminants in the atmosphere, on the surface, or in the subsurface.
6. All work pertaining to environmental impact report mitigation monitoring, if required.
7. Client agrees to assume complete responsibility and liability for changes in design, construction quantities, project cost, etc., whenever Client uses unsigned or unapproved survey maps or construction drawings for bidding or construction purposes.
8. To bear the cost of excavation and exposing (“potholing”) utility locations, and/or video inspections thereof, both on-site and off-site, if, in the opinion of the Consultant, it becomes necessary and desirable to do so in order to ascertain precise utility condition, location or elevation information. Consultant will not be responsible for the condition, location or depth of existing underground utilities which are shown on the plans based on utility company, agency or Client records.
9. The improvements are designed with the intent that the firm, Laugenour and Meikle, will be performing the construction staking for the complete project. If, however, another firm should be employed to use the design plans for construction staking, Laugenour and Meikle will not assume any responsibility for errors or omissions, if any, which might occur and which could have been avoided, corrected or mitigated if Laugenour and Meikle had performed the staking work.

10. Any regulatory agency related fees for submitting, checking, filing, inspection, performance of services, etc. are the responsibility of the Client.
11. SWPPP implementation and monitoring.

EXHIBIT “B”
RATE SCHEDULE

PERSONNEL CLASSIFICATION

RATE PER HOUR

Principal Engineer	\$175.00
Senior Engineer	\$165.00
Associate Engineer	\$145.00
Senior Surveyor	\$150.00
Surveyor	\$135.00
Assistant Surveyor	\$125.00
Assistant Engineer	\$125.00
Junior Engineer	\$100.00
Senior Engineering Technician	\$100.00
Engineering Technician	\$ 75.00
Survey Technician	\$ 75.00
Technician	\$ 55.00
Clerical	\$ 55.00
Survey Party, 1-Man*	\$140.00
Survey Party, 2-Man*	\$255.00

EQUIPMENT CLASSIFICATION:

Field Materials	—	Charged at cost plus 10%
Reproduction Items	—	Charged at cost plus 10%

* Public Works Prevailing Wage Rate

EXHIBIT C

LAUGENOUR & MEIKLE, INC. DAVIS HIGH SCHOOL - STUDENT PARKING PAVEMENT DESIGN SERVICES

Cost Estimate Breakdown

Engineering Services

Job No.15182

8/24/2015

	Fee	Units	Quantity	Total
ENGINEERING SERVICES				
TASK 1: FIELD WORK				
Project Engineer	\$ 115.00	Hrs	2	\$ 230.00
Field Technician	\$ 95.00	Hrs	6	\$ 570.00
Boring / Material Sampling - 14-Locations	\$ 275.00	Hrs	16	\$ 4,400.00
Laboratory Testing - R-value - 2-Samples	\$ 325.00	Each	2	\$ 650.00
Mobilization	\$ -	LS	1	\$ 750.00
Per Diem	\$ 185.00	LS	2	\$ 370.00
Materials - Paint, Concrete, etc.	\$ -	LS	1	\$ 250.00
			Subtotal	\$ 7,220.00
TASK 2: DESIGN ANALYSIS/REPORT				
Project Engineer	\$ 115.00	Hrs	12	\$ 1,380.00
Associate Engineer	\$ 125.00	Hrs	6	\$ 750.00
Engineering Technician	\$ 95.00	Hrs	6	\$ 570.00
			Subtotal	\$ 2,700.00
			Project Total	\$ 9,920.00

Prepared by Associated Engineering Consultants, Inc.

AEC reserves the right to transfer units between tasks as long as the total cost does not exceed the maximum without prior approval from L & M.