



Quality Assurance Services
Materials Consulting
Since 1954

October 16, 2015

Mr. Robert Porter COO
San Carlos School District
1200 Industrial Road, Unit 9
San Carlos, CA 94070

**Subject: Response to Request for Proposal for Testing and Special Inspection
Bridge Arroyo School**

Dear Mr. Porter,

Testing Engineers (TEI) appreciates the opportunity to submit our proposal to provide Special Inspection and Testing on the **Bridge Arroyo School** project. We believe that we are uniquely qualified to support the proposed project and would be proud to help ensure the construction quality and success as a part of your team.

FIRM PROFILE

TEI is well qualified to provide our services for this project due to our experience with similar type projects, our technical expertise. We specialize in all construction types including concrete, post tensioned concrete, structural steel, masonry, Shotcrete, fireproofing, fiberwrap, wood frame buildings, consulting services, NDT services, and a full service Metallurgical department.

TESTING ENGINEERS Inc, (TEI) primary function for you the client is to observe, test, and report. Over the last 59 years we have been affiliated with Operating Engineers Local #3 and have been a part of major construction projects throughout the Bay Area. Our reputation and qualifications speak for themselves. Our President, engineers, staff, inspectors, and technician's work to ensure our clients receive the best customer service and product possible.

Sincerely,
TESTING ENGINEERS, INC.

A handwritten signature in black ink that reads 'Michael Parker'.

Michael Parker
Marketing Director
510-835-3142



TESTING ENGINEERS, INC.

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TESTING ENGINEERS, INC.
COST ESTIMATE
Arroyo Bridge School
Arroyo Ave, San Carlos
October 16, 2015

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A. REINFORCING STEEL

Assumes local Supplier within 50 mile Radius

Sample & Test bar steel					
No. days:	10	No. hrs:	40	Rate/hr:	85.00
					\$ 3,400.00
Tensile and Bend Testing					
No. ea:	45			Rate/ea:	90.00
					\$ 4,050.00
				SUB-TOTAL	\$ 7,450.00

B. CONCRETE

Mix Design Review (please allow 3 working days lead time for review)					
No. ea:	5	Rate/hr:	200.00		\$ 1,000.00
Batch Plant Inspection					
No. days:	12	No. hrs:	48	Rate/hr:	85.00
					\$ 4,080.00
Concrete Sampling					
No. days:	12	No. hrs:	56	Rate/hr:	85.00
					\$ 4,760.00
Cylinder Compression Tests (1 set of 4 per 50 cubic yards, average)					
No. ea :	100	Rate/ea:	25.00		\$ 2,500.00
Pick Up of Samples					
No. trips:	12	Rate/ea:	85.00		\$ 1,020.00
				SUB-TOTAL	\$ 13,360.00

C. STRUCTURAL AND MISCELLANEOUS STEEL

Welding Procedures Submittal					
No. hrs:	4	Rate/hr:	200.00		\$ 800.00
Material ID					
No. days:	1	No. hrs:	8	Rate/hr:	85.00
					\$ 680.00
Misc Metal Fabrication					
No. days:	14	No. hrs:	112	Rate/hr:	85.00
					\$ 9,520.00
Field Welding Inspection					
No. days:	20	No. hrs:	160	Rate/hr:	85.00
					\$ 13,600.00
High Strength Bolting					
No. days:	3	No. hrs:	12	Rate/hr:	85.00
					\$ 1,020.00
				SUB-TOTAL	\$ 25,620.00

D. NON SHRINK GROUT

Grout Sampling					
No. days:	3	No. hrs:	12	Rate/hr:	85.00
					\$ 1,020.00
Compression 2x2x2 cubes					
No. ea :	18	Rate/ea:	25.00		\$ 450.00
Pick Up of Samples					
No. trips:	3	Rate/ea:	85.00		\$ 255.00
				SUB-TOTAL	\$ 1,725.00

E. ENGINEERING SERVICES

Screw Anchor Placement					
No. days:	5	No. hrs:	20	Rate/hr:	85.00
					\$ 1,700.00
Torque Testing of Anchors					
No. days:	5	No. hrs:	20	Rate/hr:	85.00
					\$ 1,700.00
Proof Load Testing (Equipment Included)					
No. days:	6	No. hrs:	24	Rate/hr:	95.00
					\$ 2,280.00
				SUB-TOTAL	\$ 3,980.00



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E. FIREPROOFING

Observation of Application - Contious Inspection Per DSA 103					
No. days:	5	No. hrs:	40	Rate/hr: 85.00	\$ 3,400.00
Density Tests					
No. ea :	6			Rate/ea: 55.00	\$ 330.00
Consulting Tech Bond Testing					
No. days:	2	No. hrs:	8	Rate/hr: 85.00	\$ 680.00
SUB-TOTAL					\$ 4,410.00

F. SKY LIGHT LOAD TESTING

* Per Sky Light					
Consulting Engineer					
No. days:	2	No. hrs:	16	Rate/hr: 120.00	\$ 1,920.00
Consulting Technicain					
No. days:	2	No. hrs:	16	Rate/hr: 105.00	\$ 1,680.00
Report					
No. hr :	2			Rate/ea: 120.00	\$ 240.00
SUB-TOTAL					\$ 3,840.00

F. MISCELLANEOUS

Verified / Intern Reports / Affidavit (Principal Engineer): Required by DSA					
Upon request; please allow 10 working days for affidavit preparation.					
No. each:	6			Rate/ea: 100.00	\$ 600.00
SUB-TOTAL					\$ 600.00
TOTAL BASE FEE ESTIMATE					\$ 60,985.00

Notes:

Assumes Steel Fabricator within 50 mile radius of San Leandro
No Administration / PM Management Fees



BASIS OF CHARGES

Fees for tests and inspection include cost of technician, professional reports and engineering supervision. Engineering services other than supervisory will be charged at applicable rates. Inspection services are charged portal to portal from dispatch location and may be subject to mileage charges. Fees for special projects, services overseas, or elsewhere in the United States, will be quoted on request.

The proposed fee rates will be in effect through June 30, 2015. After that date, the unit rates are subject to an annual increase of seven percent (7%) per year.

REPORT DISTRIBUTION

Fees for additional distribution (other than standard distribution of 4) will be charged \$25.00 each set-up.

MINIMUM HOURLY CHARGES -- INSPECTION

Technician personnel are members of the Operating Engineers Union (AFL-CIO) Local No. 3 and the following minimum charges are contractual commitments:

- One-half day or less 4 hours
- Over one-half day 8 hours
- Show-up time (no inspection performed) 2 hours

WORKING HOURS AND PREMIUM TIME

Regular workday is the first 8 hours starting 4:00 a.m. and 2:00 p.m. Monday through Friday. Premium time is as follows:

- Overtime, weekdays and Saturdays (first 8 hours) Applicable rate x 1.5
- Overtime, Saturdays (over 8 hours) and Sundays (first 8 hours) Applicable rate x 2.0
- Overtime, Sundays (over 8 hours) and Holidays Applicable rate x 2.5
- Shift differential, swing, and graveyard, starting before 4:00 a.m. and after 2:00 p.m.\$12.00 per hour

MISCELLANEOUS CHARGES

- Parking Fees and Bridge Tolls At Cost
- Air Travel Subsistence, Outside Services..... Cost plus 20%
- Mileage, *per mile* (Outside 25 Mile Radius) \$0.75
- *File / Archive Retrieval, *Per File* \$150.00

**Files that are more than 1 year old will be subject to this fee.*

TESTS

Testing fees shown include normal time for performing test. Samples requiring special preparation will be charged at the laboratory technician rate. Fees for tests not listed will be furnished upon request. There will be a minimum charge of \$150.00 for any test and report. (Establishing initial project file).

Rush Testing add 25%. Rush only guarantees that your project will be given top priority.

Dedicated Rush Testing only on a case by case basis after consultation with a lab manager. With this level of service you receive a dedicated technician who will perform the testing as fast as the testing protocol allows.

FINAL REPORT OR AFFIDAVITS

There is an additional charge for a Final Letter (required by most city and county building inspection departments), or an Affidavit (required by DSA and OSHPD) for schools and hospitals.





TERMS AND CONDITIONS

The **TERMS AND CONDITIONS** stated below will govern the provisions of services and will constitute the contract between Testing Engineers, Inc. (TEI) and our client ("Client") unless the Client and TEI have executed a written contract with respect to such services in which case the terms and provisions of the written contract shall control.

WORKING CONDITIONS AND HOUR: Will be enforced in accordance with TEI's current agreement with the International Union of Operating Engineers, Local 3 (refer to *Basis of Charges*). Contractor to provide site access to inspection/testing locations. Verification of plumbness/levelness by others.

SCHEDULING: Dispatch for services are to be made a minimum of 24 hours in advance, during the business hours between 7:30 am and 4:00 pm, Monday through Friday. Twenty four (24) hour advance scheduling may not guarantee the availability of a Special Inspector. For specialized tests and inspections, or during seasonal busy periods, scheduling for services may need to be made up to 72 hours in advance.

COORDINATED INSPECTIONS: If TEI or its agents will be performing in-shop inspections of fabrication or assembly, Client understands that TEI may perform coordinated inspections and bill accordingly. Industry standards and governing codes require that continuous inspection mandate a continuous presence in the facility for fabrication or assembly.

COMPACTION TESTING Federal and State regulations require special handling and storage of materials used in compaction testing services. Workday starts at the pick-up location of Nuclear Density Gauge and ends upon returning. Applicable mileage charges apply

CANCELLATION: Two- (2) hour charge unless cancellation is made before 4:00 pm of the preceding day for local inspections within 50 mile radius of TEI's San Leandro facility.

TERMS OF PAYMENT: Upon requesting services from TEI and in consideration of the extension of credit, Client agrees to the following: invoices shall be deemed delinquent if not paid within thirty (30) days from date of invoice, and will be subject to a finance charge of 1.5%, per month of the unpaid balance for each month for additional credit and any and all collection expenses incurred thereby. A \$35.00 NSF (Non-Sufficient Funds) charge will be imposed on any and all checks returned by TEI's bank as uncollectible. Furthermore, any and all NSF checks are subject to treble damages up to the amount allowable under California Law (Chapter 522, Section 1719).

TEI reserves the right to terminate its services to Client without notice if any or all invoices are not paid currently. Upon such termination of services, the entire amount accrued for all services performed shall immediately become due and payable. Client waives any and all claims against TEI, its subsidiaries, affiliates, servants and agents, for termination of work pursuant to this paragraph.

Should TEI deem it necessary to refer a past-due account to an attorney, or collection agency, or to file suit for collection, Client agrees to pay for any and all actual expenses and costs incurred thereby, including any and all attorney's fees and court costs. Jurisdiction and venue of all such actions and any other actions arising from the agreement of the provision of services by TEI shall be in Alameda County, State of California.

ANTICIPATED COSTS: Client recognizes and agrees that any "anticipated costs", budget estimates", or like that may be prepared by TEI are NOT "guaranteed maximums", lump sums", or "not to exceed" totals. Client will be invoiced for all work performed.

INDEMNIFICATION: Client shall indemnify, defend and hold harmless TEI from and against all claims, suites, damages, losses, expenses, costs, obligations, liabilities, recoveries and deficiencies, including, but not limited to, interests, penalties and reasonable attorney's fees that TEI shall incur or suffer, which arise of result from or relate to the breach of, or failure by Client, to perform, any representation, warranty, covenant or agreement given or made by Client as set forth in this Agreement.

LIMITATION OF LIABILITY: Client and TEI agree to limit the liability, including, but not limited liability for consequential damages, of TEI, including its shareholders, officers, directors, employees, agents and representatives for any acts, errors, omissions breaches of contract, or negligence, active affirmative, passive, concurrent or solely on the part of TEI, arising directly or indirectly from the performance of the professional services under this Agreement of TEI to \$1,000 or an amount equal to TEI's invoiced fee to client, whichever is smaller.

DOMINANT TERMS: The terms and conditions of this Agreement shall take precedence over any terms and conditions which may appear in Clients purchase order, approval of acceptance. (Any terms and conditions of Client's purchase order, approval or acceptance which are not identical to the terms and conditions of this Agreement are null and void, are not part of the Agreement between TEI and Client and are not bind upon TEI). The terms and conditions of this Agreement may not be altered, modified, added on or changed, nor any of its provisions waived, except by written agreement, signed by an authorized representative of Testing Engineers, Inc.

Notwithstanding, any provisions in the agreement in the event of conflict or dispute between Client's purchase order or contract and this Agreement the latter shall prevail.

