



TESTING ENGINEERS, INC.

Quality Assurance Services
Materials Consulting
Since 1954

TESTING ENGINEERS, INC.
COST ESTIMATE
Gabriela Mistrrial ES Moderization Phase 4 Increment 3
505 Escuela Ave. Mountain View, CA
March 2, 2021

A REINFORCEMENT
Assumes Local Bay Area Supplier 50 miles from San Leandro

Sample & Tag Rebar					
No. days:	4	No. hrs:	16	Rate/hr:	101.00
					\$ 1,616.00
Tensile & Bend Tests (set of 1)					
No.:	8			Rate/ea:	101.00
					\$ 808.00
SUB-TOTAL					\$ 2,424.00

B. CONCRETE
* Per DSA 103 Continuous Batch Plant Inspection
* Figs, Slab, Column & Gate Figs.

Mix Design Review (please allow 3 working days lead time for review)					
		No. ea:	3	Rate/hr:	300.00
					\$ 900.00
Batch Plant Concrete Inspections					
No. days:	4	No. hrs:	16	Rate/hr:	101.00
					\$ 1,616.00
Concrete Sampling Inspections					
No. days:	4	No. hrs:	16	Rate/hr:	101.00
					\$ 1,616.00
Cylinder Compression Tests (1 set of 4 per 50 cubic yards, average)					
No.:	20			Rate/ea:	45.00
					\$ 900.00
Pick Up of Samples					
No. trips:	4			Rate/ea:	99.00
					\$ 396.00
SUB-TOTAL					\$ 5,428.00

C. STRUCTURAL AND MISCELLANEOUS STEEL
Assumes Local Bay Area Supplier 50 miles from San Leandro
Assumes 3 Welders

Welding Procedure Review					
		No. ea:	1	Rate/hr:	300.00
					\$ 300.00
Material ID					
No. days:	2	No. hrs:	8	Rate/hr:	101.00
					\$ 808.00
Shop Inspection					
No. days:	8	No. hrs:	44	Rate/hr:	101.00
					\$ 4,444.00
Ultra Sonic Testing					
No. days:		No. hrs:	12	Rate/hr:	15.00
					\$ 180.00
Field Welding					
No. days:	2	No. hrs:	8	Rate/hr:	101.00
					\$ 808.00
SUB-TOTAL					\$ 6,540.00



TESTING ENGINEERS, INC.

Quality Assurance Services
Materials Consulting
Since 1954

D. NON SHRINK GROUT

Non Shrink Grout					
No. days:	1	No. hrs:	4	Rate/hr:	94.00
					\$ 376.00
Grout Cubes Compression					
No.:	6			Rate/ea:	42.00
					\$ 252.00
Pick Up of Samples					
No. trips:	1			Rate/ea:	99.00
					\$ 99.00
				SUB-TOTAL	\$ 727.00

E. GLU LAM BEAMS * Assumes Inspection by Timber Products

Observation of fabrication (By Others)					
No. days:	3	No. hrs:	24	Rate/hr:	150.00
					\$ 3,600.00
Travel Time					
No. hrs:	4.5			Rate/ea:	150.00
					\$ 675.00
Mileage					
No.	300			Rate/hr:	0.45
					135.00
Hotel					
No Nights.	3			Rate/hr:	50.00
					150.00
Meals					
No.	3			Rate/hr:	50.00
					150.00
				TOTAL	4,710.00
				Subcontractor Mark Up.(15%)	706.50
				SUB-TOTAL	\$ 5,416.50

F. ENGINEERING

Epoxy Anchors					
No. days:	3	No. hrs:	12	Rate/hr:	101.00
					\$ 1,212.00
Expansion Anchors					
No. days:	2	No. hrs:	8	Rate/hr:	101.00
					\$ 808.00
Proof Load of Anchors (Equipment Charge Included)					
No. days:	2	No. hrs:	8	Rate/hr:	116.00
					\$ 928.00
				SUB-TOTAL	\$ 928.00

G. MISCELLANEOUS

Interim Final Affidavit (Principal Engineer): Required by DSA					
Upon request; please allow 10 working days for affidavit preparation.					
		No. ea:	2	Rate/ea:	300.00
					\$ 600.00
				SUB-TOTAL	\$ 600.00

TOTAL BASE FEE ESTIMATE \$ 22,063.50

* Assumes Brick Veneer waived , per email by architect DSA103 needs to be revised