



AGENDA REPORT

Meeting Date: January 10, 2012
Item Number: F-7
To: Honorable Mayor and City Council
From: Alan Schneider, Director of Project Administration *AS*
Subject: APPROVAL OF AMENDMENT NO. 2 TO THE AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS AND KOURY ENGINEERING & TESTING, INC. FOR CONSTRUCTION INSPECTION AND MATERIAL TESTING SERVICES FOR THE 9400 SOUTH SANTA MONICA BOULEVARD OFFICE BUILDING; AND APPROVAL OF A CHANGE PURCHASE ORDER IN THE AMOUNT OF \$30,889 TO KOURY ENGINEERING & TESTING, INC. FOR THESE SERVICES
Attachments: 1. Agreement

RECOMMENDATION

Staff recommends that the City Council move to approve Amendment No. 2 to the agreement with Koury Engineering & Testing, Inc. for construction inspection and material testing services related to the 9400 South Santa Monica Boulevard Office Building, and approve a Change Purchase Order in the amount of \$30,889 for these services. The total fee for contract and all amendments shall not exceed \$158,011.

INTRODUCTION

The construction contract for this project was approved by the City Council on November 16, 2010. The building code and current practice require the inspection and testing of the building materials during construction. Koury Engineering & Testing has performed these services on this project to date. The proposed amendment maintains the responsibility with this firm for conducting all remaining code required inspections and materials testing.

DISCUSSION

The project construction consists of a steel framed building with concrete over steel decks. The building wall that adjoins the adjacent property is constructed of concrete

masonry units and the remaining portion of the building is framed in steel studs. The scope of the inspection and testing services includes the following:

- Observe, inspect, sample and test all structural concrete placed at the Project site including the placement of all reinforcing steel.
- Observe, inspect, sample and test all concrete masonry units placed at the Project site.
- Observe and inspect all structural steel erection including welding, high strength bolting and perform non-destructive testing on all qualifying welds.

It is essential that the materials meet the design strength and are placed properly in the structure. To assure that these goals are attained the Building Code requires continuous inspection and periodic testing of critical structural elements for compliance with the specifications. These services are required in addition to the regular inspections conducted by Building & Safety.

The original Agreement and Amendment No. 1 totaling \$127,122 covered the testing and inspection services through the anticipated scope of the project. However, additional construction inspection and material testing are required due to the prolonged steel erection caused by the steel subcontractor's lack of performance, dimensional inaccuracies requiring repairs, and the subcontractor's inability to erect Stair #1 in a timely manner.

The additional services are not to exceed \$30,889 to complete the testing and inspection services for the project. The City intends to seek full monetary recovery of the costs related to these services from the General Contractor, Bernards Bros. by a credit change order to the contract.

FISCAL IMPACT

Funding for these services has been budgeted from the fiscal year 2011-12 Capital Improvement Program (CIP) budget for the 9400 Santa Monica Office Building, project #0898.



Scott G. Miller
Finance Approval



FOR David D. Gustavson
Approved By

Attachment 1

AMENDMENT NO. 2 TO THE AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS AND KOURY ENGINEERING & TESTING, INC. FOR CONSTRUCTION INSPECTION AND MATERIAL TESTING SERVICES FOR THE 9400 SOUTH SANTA MONICA BOULEVARD OFFICE BUILDING

NAME OF CONTRACTOR: KOURY ENGINEERING & TESTING, INC.

RESPONSIBLE PRINCIPAL OF CONTRACTOR: Richard Koury, Chief Executive Office & President

CONSULTANT'S ADDRESS: 14280 Euclid Ave.
Chino, California 91710
Attention: Richard Koury, CEO & Vice President

AUTHORITY'S ADDRESS: City of Beverly Hills
345 Foothill Road
Beverly Hills, CA 90210
Attention: Alan Schneider
Director of Project Administration

COMMENCEMENT DATE: Upon receipt of written Notice to Proceed

TERMINATION DATE: June 30, 2012

CONSIDERATION: Original Agreement: Not to exceed: \$71,425, as more particularly set forth in Exhibit B; Contingency funds of up to \$10,000 based on rates set forth in Exhibit B as more fully described in B; Total not to exceed \$81,425

Amendment No. 1: Fee not to exceed \$45,697, as more fully described in Exhibit B, and based on rates for time, materials, testing, testing and inspection set forth in Exhibit B

Amendment No. 2: Fee not to exceed \$30,889, as more fully described in Exhibit B, and based on rates for time, materials, testing, testing and inspection set forth in Exhibit B

Total Fee and Contingency for Original Agreement, Amendment Nos. 1 and 2 not to exceed \$158,011

AMENDMENT NO. 2 TO THE AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS AND KOURY ENGINEERING & TESTING, INC. FOR CONSTRUCTION INSPECTION AND MATERIAL TESTING SERVICES FOR THE 9400 SOUTH SANTA MONICA BOULEVARD OFFICE BUILDING

THIS AGREEMENT is made by and between the City of Beverly Hills (hereinafter called "CITY"), and Koury Engineering & Testing, Inc. (hereinafter called "CONTRACTOR") dated December 21, 2010 and identified as Contract No. 542-10 and Amendment No. 1 dated September 30, 2011 and identified as Contract No.399-11.

RECITALS

A. CITY entered into a written agreement with CONTRACTOR dated December 21, 2010 for construction inspection and material testing services at 9400 South Santa Monica Boulevard as set forth in Exhibit A (the "Scope of Work") which was previously amended.

B. CITY desires to further amend the Agreement to increase the Scope of Services and increase the Consideration for the additional services.

NOW, THEREFORE, the parties agree as follows:

Section 1. The Consideration shall be amended as set forth above.

Section 2. Exhibit A, "Scope of Work", shall be amended as attached hereto and incorporated herein.

Section 3. Exhibit B, "Budget, Rates and Schedule of Payment", shall be amended as attached hereto and incorporated herein.

Section 4. Except as specifically amended by this Amendment No. 2, the Agreement dated December 21, 2010 and identified as Contract 542-1- shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the _____ day of _____ 2012, at Beverly Hills, California.

CITY OF BEVERLY HILLS
A Municipal Corporation

BARRY BRUCKER
Mayor of the City of
Beverly Hills, California

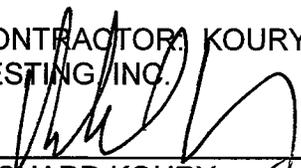
[Signatures continue]

ATTEST:

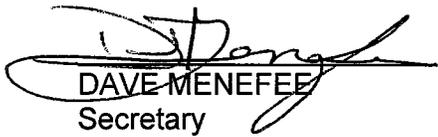
BYRON POPE
City Clerk

(SEAL)

CONTRACTOR: KOURY ENGINEERING &
TESTING INC.

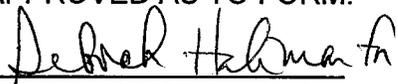


RICHARD KOURY
Chief Executive Officer/President



DAVE MENEFFEE
Secretary

APPROVED AS TO FORM:



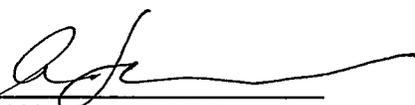
LAURENCE S. WIENER
City Attorney

APPROVED AS TO CONTENT:

JEFFREY KOLIN
City Manager



DAVID D. GUSTAVSON
Director of Public Works & Transportation



ALAN SCHNEIDER
Director of Project Administration



KARL KIRKMAN
Risk Manager

EXHIBIT A
SCOPE OF WORK

ORIGINAL AGREEMENT:

CITY owned property will be developed into a three-story office building located at 9400 South Santa Monica Boulevard in Beverly Hills ("Project"). Project will consist of the construction of a new steel building with concrete over steel decks. Building wall that adjoins the adjacent property will utilize concrete masonry units (CMU) and the remaining portion of the building will be framed in steel studs.

CONTRACTOR shall provide the following services in connection with the Project as required by the CITY:

Proposed Material Inspection and Testing Services

During construction, CONTRACTOR will provide construction observation and material testing to assure that the performed work complies with the project's requirements and specifications. CONTRACTOR will perform supervision and coordination of all field & laboratory services. Clerical staff will assist in maintaining a high level of quality assurance in preparation of reports, presenting test result and observations.

CONTRACTOR's services include, but are not limited to, the following list:

- Review Plans, Reports and Project Specifications
- Observe, inspect, sample and test all structural concrete placed at the project site including the placement of all reinforcing steel used onsite.
- Observe, inspect, sample and test all concrete masonry units placed at the project site - Tests include: grout compression, mortar compression and prism block compression.
- Observe and inspect all structural steel erection including welding, high strength bolting and perform non-destructive testing on all qualifying welds.
- Upon receiving the CITY's written request, CONTRACTOR will prepare a final report(s) documenting our observations and tests performed during construction - The final report(s) will be prepared in accordance with the attached Master Fee Schedule and typically take 10 to 14 working days to be prepared and submitted.

It is the CITY's responsibility to provide CONTRACTOR a complete (approved) set of drawings, before commencement of the job. The drawings shall bear the approval stamp of the reviewing agency (Community Services Building & Safety Division).

CONTRACTOR's estimate is based on quantities and/or scales shown on the plans and is only as accurate as the information obtained from the plans. In addition, the accuracy of the provided estimate can be affected by:

- General Contractor's and subcontractor's efficiency and sequencing of events
- Unexpected subsurface conditions
- Amount of services required by the jurisdictional agency
- Weather conditions and other unforeseen delays

CONTRACTOR will not be responsible for any delay imposed to the project by any unforeseen situation or by responding to reviewing agencies and/or probable lag time within reviewing agencies. CONTRACTOR will do its best to stay within the project's schedule and/or minimize the time of impact on the project.

Final Reports

- CONTRACTOR shall prepare final reports if requested by CITY. CONTRACTOR must first review all inspection and material testing reports; CONTRACTOR will address and clear up any unresolved issues on these reports, typically with the Architect or Engineer of Record.
- Depending on the Project complexity and length of CONTRACTOR services performed, this process can require a minimum of ten (10) business days for completion. If there are exceptions, the final report review can require an extended length of time to complete.
- CITY is required to send CONTRACTOR written request for all final Project reports via fax, email, or US mail.
- Final reports are as stated, but not limited to: Final Material Compliance Report.
- CONTRACTOR will release final report to CITY once account, including cost of final report, is paid in full.

AMENDMENT NO.1:

CONTRACTOR shall perform additional construction inspection and material testing due to extended construction period related to completion of footings; and double shifts for structural steel. The additional services and compensation is enumerated in Exhibit B, attached hereto.

AMENDMENT NO. 2:

CONTRACTOR shall perform additional construction inspection and material testing due to further extension of the construction period resulting from delays in the steel erection caused by the steel subcontractor's lack of performance, dimensional inaccuracies requiring repairs and subcontractors inability to erect Stair #1 in a timely manner. The compensation for the additional services is detailed in Exhibit B, attached hereto.

CITY intends to seek full monetary recovery of the costs related to these services from the General Contractor, Bernards Bros.

EXHIBIT B
BUDGET, RATES AND SCHEDULE OF PAYMENT

ORIGINAL AGREEMENT

CONTRACTOR shall submit an itemized invoice to CITY for its services performed upon delivery of the goods required by this Agreement. CITY shall pay CONTRACTOR the amount of such billing within thirty (30) days of receipt of same.

Estimate & Budget Prepared Using Structural Drawings Dated 9/2/10

Description Qty Unit Rate Amount

Description	Qty	Unit	Rate	Amount Not to Exceed
MATERIALS INSPECTION				
Concrete - Pads/Footings/Grade Beams (Includes Rebar Inspection)	120	Hourly	\$72.00	\$ 8,640.00
Concrete - Slab-On-Grade / Decks / Curbs (Includes Rebar Inspection)	88	Hourly	\$72.00	\$ 6,336.00
Concrete - Misc, Epoxy Bolts/Anchor Systems, etc.	40	Hourly	\$72.00	\$ 2,880.00
Masonry	104	Hourly	\$72.00	\$ 7,488.00
Structural Steel Erection - Welding & Bolting	264	Hourly	\$72.00	\$19,008.00
Fireproofing	120	Hourly	\$72.00	\$ 8,640.00
Non-Destructive Testing	132	Hourly	\$95.00	\$12,540.00
TOTAL ESTIMATED INSPECTION FEES				\$65,532.00

LABORATORY MATERIALS TESTING				
Concrete Cylinder Compression Tests	40	Sample	\$21.00	\$ 840.00
Non-Shrink Grout Compression Tests	15	Sample	\$21.00	\$ 315.00
Grout Compression Test	28	Sample	\$21.00	\$ 588.00
Mortar Compression Tests	20	Sample	\$21.00	\$ 420.00
Masonry Prism Compression Tests	6	Sample	\$95.00	\$ 570.00
Fireproof Density Tests	9	Sample	\$45.00	\$ 405.00
Fireproof Adhesion/Cohesion Test (Bond Strength)	9	Sample	\$45.00	\$ 405.00
TOTAL ESTIMATED LABORATORY FEES				\$ 3,543.00
PROJECT COORDINATION				
Staff Engineer	6	Hourly	\$100.00	\$ 600.00
Project Manager - Field Supervisor	6	Hourly	\$ 95.00	\$ 570.00
Technical Support	4	Hourly	\$ 45.00	\$ 180.00
TOTAL PROJECT COORDINATION FEES				\$ 1,350.00
FINAL REPORT FEE				\$500.00
REIMBURSABLE EXPENSES, as described in Exhibit B				\$500.00

TASK SUMMARY & TOTAL ESTIMATED FEES	
Inspection Fees	\$65,532.00
Laboratory Testing Fees	\$ 3,543.00
Project Coordination	\$ 1,350.00
Final Report Fee	\$500.00
Reimbursable Expenses	\$500.00
Not to exceed	\$71,425.00

Contingency for unanticipated services outside the Scope of Exhibit A not to exceed \$10,000 based on the rates set forth in this Exhibit.

1. Anticipated Costs

- 1.1 CONTRACTOR estimates a budget to assist the CITY with code required inspections and testing based upon information provided by the CITY. CONTRACTOR's ability to perform within the estimated budget depends heavily on the accuracy of the information provided.
- 1.2 CITY will be invoiced for all work performed and only for work performed based on CONTRACTOR's working conditions and hours.
- 1.3 Weekly overtime hours, Saturday or Sunday, double shift, and / or night shift differential for shop steel inspection are not included in CONTRACTOR's budget.

2. Minimum Charges

- 2.1 2 hour minimum: Inspector shows up; no work requested or performed.
- 2.2 4 hour minimum: 1 to 4 hours work completed before noon.
- 2.3 8 hour minimum: Work over 4 hours and/or extending past noon.
- 2.4 If an inspector or technician works through lunch, one-half (0.5) hour of double time will be charged.
- 2.5 NOTE: Less than 24 hour call-out notice may necessitate premium charges.

3. Working Hours

- 3.1 Regular Time: First 8 hours, Monday-Friday
- 3.2 Time and One Half-Hours: Hours over 8-12 Monday-Friday, and first 12 Hours on Saturday

Double Time: All hours worked after 12, Monday-Saturday, Sunday, and Holidays

- 3.3 CONTRACTOR observes the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, and Christmas Day.
- 3.4 Overtime hours shall be billed in one-hour increments. One half (.5) hour of overtime is billed as one (1) hour of overtime.
- 3.5 NOTE: Day shift hours are between 5:00am and 5:00pm.

4. Shift Differential

- 4.1 Second (Swing Shift)-Eight (8) hours will be charged for 7.5 hours worked. Time worked in excess of 7.5 hours will be billed at time and one-half rate.
- 4.2.1 Third (Graveyard Shift)-Eight (8) hours will be charged for 7 hours worked. Time worked in excess of 7 hours will be billed at time and one-half times the hourly rate.

5. Travel Time and Mileage

- 5.1 No travel time or mileage costs for material inspectors/technicians.

6. Scheduling and Cancellations

- 6.1 A 24-hour notice is required when scheduling an inspection or technician. If same day scheduling or scheduling after 2:00pm the preceding day is requested, a premium expedite fee of \$75 per inspector or technician will apply.
- 6.2 If inspection service is not canceled with CONTRACTOR's dispatch department by 2:00pm for next day inspection, a premium cancellation fee will apply at the rate of \$75 per inspector or technician.

7. Expedite Fee

- (i) 7.1 All expedited and rush requests for lab work as requested by CITY, test results, report reviews, etc. will be charged an expedite fee, at 1.5 times the Master Fee Schedule of Rates.

8. Escalation Clause

- 8.1 The prices quoted in this Exhibit below ("Master Fee Schedule of Rates/Prevailing Wage Projects") for all services will change July 1st each year in accordance with the wage listed by the Director of Industrial Relations which is tied to Operating Engineers Local 12. The charges for services set forth in this Master Fee Schedule of Rates may

be adjusted by CONTRACTOR's giving CITY thirty (30) days prior written notice on July 1st each year.

9. Laboratory Testing

- 9.1 Inspection unit rates do include material sample laboratory testing & sample pick-up charges.
- 9.2 Unless otherwise agreed, all samples or test specimens will be disposed of or destroyed upon completion of testing. If CITY requires samples to be retrieved or stored, arrangements can be made at an additional cost. Quotation will be provided for such services.
- 9.3 Samples requiring more than one person to handle due to oversize or weight, will incur an extra handling charge. A written quotation will be provided for such services.

10. Reimbursable Expenses

- 10.1 Outside Services performed by others will be charged at cost plus 15%.
- 10.2 Project exclusive equipment or material will be invoiced at cost plus 15%.
- 10.3 Business licenses or inspection jurisdiction fees for project specific requirements will be invoiced at cost.
- 10.4 If free parking is not available when CONTRACTOR is in the field, parking charges will be charged to the CITY at cost.

11. Service Authorization

- 11.1 Written requests will be considered authorization to perform billable work. CITY shall designate member(s) of CITY staff who have authority to request services and notify CONTRACTOR in writing of their authorized representative.

**MASTER FEE SCHEDULE OF RATES
Prevailing Wage Projects**

CONSTRUCTION SERVICES

Materials –Prevailing Wage Rates

Inspector – Concrete	\$ 72.00	Per Hour
Inspector – Concrete Batch Plant	\$ 72.00	Per Hour
Inspector – Shotcrete	\$ 72.00	Per Hour
Inspector – Masonry	\$ 72.00	Per Hour
Inspector – Structural Steel and Welding	\$ 72.00	Per Hour
Inspector – Structural Steel at Fabrication Shop	\$ 72.00	Per Hour
Inspector – Fireproofing	\$ 72.00	Per Hour
Non-Destructive Testing: Ultrasonic, Dye Penetrant, or Magnetic Particle Inspection	\$ 85.00	Per Hour
Non-Destructive Testing: Dye Penetrant, Developer, Cleaner	\$ 15.00	Per Can
Non-Destructive Testing: Magnetic Particle Powder	\$ 20.00	Per 6oz
Non-Destructive Testing: Couplant	\$ 60.00	Per gallon
Lab Technician - Pachometer (Includes equipment)	\$ 85.00	Per Hour
Lab Technician - Pull-Out Test on Splay Wires, Embedded Bolts/Anchors/Dowels (1 man & includes equipment)	\$ 85.00	Per Hour
Lab Technician - Pull-Out Test on Splay Wires, Embedded Bolts/Anchors and Dowels (2 man & includes equipment)	\$ 125.00	Per Hour
Lab Technician - Concrete or Masonry Coring - Floors (1 man & includes equipment)	\$ 85.00	Per Hour
Lab Technician - Concrete or Masonry Coring - Vertical and Overhead (2 man & includes equipment)	\$ 125.00	Per Hour

LABORATORY MATERIAL TESTING SERVICE

CONCRETE

C39	Concrete Cylinders Compression Test (6" x 12")	\$ 21.00	Each
C469	Concrete Cylinder Compression Test with MOE (Modulus of Elasticity)	\$ 500.00	Each
C42	Concrete Cores, 6" Max. Diameter, Includes Core Trim	\$ 35.00	Each
C78	Flexure Test 6" x 6" Beams	\$ 85.00	Each
C486	Splitting Tensile 6" x 12" Cylinders	\$ 65.00	Each
F1869	Measuring Moisture Vapor Emission Rate	\$ 35.00	Each

MASONRY BLOCK

A.S.T.M.

C780	Mortar Cylinders (2" x 4")	\$	21.00	Each
C109	Mortar Cubes (2" x 2")	\$	21.00	Each
C1019	Grout Prisms (3" x 6")	\$	21.00	Each
C1314	Grouted Prisms Compression (Masonry Assemblage) Test $\leq 8" \times 8" \times 16"$	\$	95.00	Each
C1314	Grouted Prisms Compression (Masonry Assemblage) Test $> 8" \times 8" \times 16"$	\$	120.00	Each
C140	Moisture Content as Received each	\$	50.00	Each
C140	Absorption, 3 Required	\$	40.00	Each
C140	Measurements	\$	30.00	Each
C140	Compression $\leq 8" \times 8" \times 16"$, Qty 3 Required	\$	45.00	Each
C140	Compression $> 8" \times 8" \times 16"$ Qty 3 Required	\$	55.00	Each
C426	Linear Shrinkage, Qty 3 Required	\$	80.00	Each
C42	Masonry Core – Compression	\$	55.00	Each
C42	Masonry Core – Shear	\$	75.00	Each

STEEL REINFORCING

A.S.T.M.

A615/A706	Tensile No. 8 Bar and Smaller	\$	35.00	Each
A615/A706	Tensile No. 9 To 11 Bar	\$	45.00	Each
A615/A706	Tensile No. 14 Bar	\$	70.00	Each
A615/A706	Bend Test No. 8 Bar and Smaller	\$	35.00	Each
A615/A706	Bend Test No. 9 To 11 Bar	\$	45.00	Each
A615/A706	Bend No.14 Bar	\$	70.00	Each
A615/A706	Bend / Tensile Test No. 18	\$	250.00	Each
A615/A706	Chemical Analysis	\$	300.00	Each
A615/A706	Cut To Size (for testing)	\$	10.00	Each

STEEL COUPLED WELDED REINFORCING

A.S.T.M.

A615/A706	Tensile No. 8 Bar and Smaller	\$	70.00	Each
A615/A706	Tensile No. 9 To 11 Bar	\$	80.00	Each
A615/A706	Tensile No. 14 Bar	\$	100.00	Each
A615/A706	Tensile No. 18 Bar	\$	275.00	Each

FIREPROOFING

UBC 43-8	Oven Dry Density	\$	45.00	Each
UBC 43-8	Adhesive/Cohesion Testing	\$	45.00	Each

WELD PROCEDURE AND WELDER QUALIFICATIONS

	Review Existing Welding Procedure Specification (WPS)	\$	150.00	Each
	Review Welding Procedure Qualification (PQR)	\$	150.00	Each
	Observe Welder Qualification (AWS/CWI)	\$	72.00	Per Hour

MIX DESIGN

A.S.T.M.

C192	Review of Existing Mix Design, Determination of Proportions (3-Business Day Result)	\$	150.00	Each
C192	Review of Existing Mix Design, Determination of Proportions (Same Day Result)	\$	300.00	Each

FIELD EQUIPMENT CHARGE

	Equipment - Torque Wrench	\$	65.00	Per Day
	Equipment - Skidmore Bolt Tension Calibrator	\$	150.00	Per Day
	Equipment - Multiplier	\$	15.00	Per Day
	Equipment - Schmidt Hammer	\$	40.00	Per Day
	Equipment - Dry Film Thickness Gauge	\$	40.00	Per Day
	Equipment - Non-Shrink Grout Mold 2" Cube	\$	25.00	Per Day
	Equipment - Slab Moisture Test Kit	\$	35.00	Per Day
	Equipment - Air-Entrainment	\$	25.00	Per Day
	Equipment - Windsor Probe	\$	25.00	Per Day
	Equipment - Truck Charge	\$	55.00	Per Day

LABORATORY HOURS

Laboratory hours are 7:00 a.m. through 4:00 p.m., Monday through Friday

Additional charges will be made for off-hours, weekends or holidays as follows:

Off-hour Laboratory Operations per hour.....	\$	500.00	Per Hour
Saturday Laboratory Operations per hour	\$	500.00	Per Hour
Sunday or Holiday Laboratory Operations per hour	\$	750.00	Per Hour

REPORTS

Final Materials Compliance Report	\$	500.00	Each
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MISCELLANEOUS SUPPORT FEES

Subsistence Pay	\$	Quote	
Travel Cost (Out of town work)	\$	Cost Plus	20%
Parking	\$	Cost Plus	20%

PROFESSIONAL SERVICES

Registered Professional Engineer	\$	130.00	Per Hour
Staff Engineer	\$	100.00	Per Hour
Project Manager / Field Supervisor	\$	95.00	Per Hour
Certified Payroll Process per Project Invoice	\$	150.00	bi-monthly

AMENDMENT NO. 1:

Description	Qty	Unit	Rate	Amount
MATERIALS INSPECTION				
Concrete - (Includes Rebar Inspection)	56	Hourly	\$ 76.00	\$ 4,256.00
Masonry	160	Hourly	\$ 76.00	\$ 12,160.00
Structural Steel Erection - Welding & Bolting	304	Hourly	\$ 76.00	\$ 23,104.00
Structural Steel Erection - OT	18	Hourly	\$ 114.00	\$ 2,052.00
Non-Destructive Testing	8	Hourly	\$ 99.00	\$ 792.00
TOTAL ESTIMATED INSPECTION FEES				\$ 42,364.00
LABORATORY MATERIALS TESTING				
Concrete Cylinder Compression Tests	36	Sample	\$ 21.00	\$ 756.00
Concrete Cylinder Compression Tests – Air Content	3	Sample	\$ 20.00	\$ 60.00
Non-Shrink Grout Compression Tests	6	Sample	\$ 21.00	\$ 126.00
Non-Shrink Grout Molds	2	Equip	\$ 25.00	\$ 50.00
Grout Compression Test	32	Sample	\$ 21.00	\$ 672.00
Mortar Compression Tests	24	Sample	\$ 21.00	\$ 504.00
Masonry Prism Compression Tests	3	Sample	\$ 95.00	\$ 285.00
TOTAL ESTIMATED LABORATORY FEES				\$ 2,453.00
PROJECT COORDINATION				
Final Material Compliance Report	1	Each	\$ 500.00	\$ 500.00
Staff Engineer	1	Hourly	\$ 100.00	\$ 100.00
Project Manager - Field Supervisor	2	Hourly	\$ 95.00	\$ 190.00
Admin	2	Hourly	\$ 45.00	\$ 180.00
TOTAL PROJECT COORDINATION FEES				\$ 880.00

TASK SUMMARY & TOTAL ESTIMATED FEES

Inspection Fees	\$ 42,364.00
Laboratory Testing Fees	\$ 2,453.00
Project Coordination	\$ 1,350.00
	\$45,697.00

AMENDMENT NO. 2:

CITY shall pay CONTRACTOR on a time-and-materials basis, based on the hourly rate schedule set forth in Exhibit B the not to exceed amount of \$30,889. CONTRACTOR acknowledges that the services are dependent upon the General Contractor's schedule of the work.

Total Fee and Contingency for Original Agreement and Amendment Nos. 1 and 2 shall not to exceed \$158,011.