



PROPOSITION A 2011 BOND PROGRAM
MATERIAL TESTING AND INSPECTION SERVICES
REQUEST FOR QUALIFICATIONS
JUNE 11, 2012

ADDENDUM NO. 02

RFQ Modifications:

1. Exhibit D was not included with the RFQ. See Attachment A to this Addendum #2 for the required Exhibit D.

Attachments:

Attachment A - Exhibit D: List of Services & Rate Schedule (3 pages)

The Excel version of Exhibit D is posted on the SFUSD RFQ website for use in completing the required information to be submitted.

**Exhibit D
LIST OF SERVICES AND RATE SCHEDULE**

| | | Unit | Quantity | Unit Rate | Sub-Total (\$) | Foot Notes |
|------------|---|-------------|-----------------|------------------|-----------------------|-------------------|
| 1.0 | COMPACTED FILL | | | | | |
| 1.1 | Field compaction tests w/ equipment | hour | 1 | \$ - | \$ - | |
| 1.2 | Site soil sampling | hour | 1 | \$ - | \$ - | |
| 1.3 | Moisture / density curves (ASTM-D1557) | each | 1 | \$ - | \$ - | |
| 1.4 | Soil quality tests (plasticity) | each | 1 | \$ - | \$ - | |
| 1.5 | Soil quality tests (gradation) | each | 1 | \$ - | \$ - | |
| 1.6 | Soil quality tests (sand equivalent) | each | 1 | \$ - | \$ - | |
| 1.7 | Nuclear gauge safety handling / storage | trip | 1 | \$ - | \$ - | |
| 2.0 | ASPHALTIC CONCRETE | | | | | |
| 2.1 | Asphaltic concrete placement | hour | 1 | \$ - | \$ - | |
| 2.2 | Subbase / base compaction | hour | 1 | \$ - | \$ - | |
| 2.3 | Equipment fee | hour | 1 | \$ - | \$ - | |
| 2.4 | Stabilometer | each | 1 | \$ - | \$ - | |
| 2.5 | Extraction / grade | each | 1 | \$ - | \$ - | |
| 2.6 | Bulk specific gravity | each | 1 | \$ - | \$ - | |
| 2.7 | Maximum specific gravity | each | 1 | \$ - | \$ - | |
| 3.0 | REINFORCING STEEL | | | | | |
| 3.1 | Identify, sample and tag at supplier's shop | hour | 1 | \$ - | \$ - | |
| 3.2 | Tensile / bend tests (sizes 3-8) | set | 1 | \$ - | \$ - | |
| 3.3 | Tensile / bend tests (sizes 9-11) | set | 1 | \$ - | \$ - | |
| 3.4 | Tensile / bend tests (size # 14) | set | 1 | \$ - | \$ - | |
| 3.5 | Tensile / bend tests (size # 18) | set | 1 | \$ - | \$ - | |
| 3.6 | Sample / test wire mesh | each | 1 | \$ - | \$ - | |
| 4.0 | STRUCTURAL STEEL / WELDING | Unit | Quantity | Unit Rate | Sub-Total (\$) | Foot Notes |
| 4.1 | Shop welding inspection - days (VT / NDT) | hour | 1 | \$ - | \$ - | |
| 4.2 | Shop welding inspection - nights (VT / NDT) | hour | 1 | \$ - | \$ - | |
| 4.3 | Field welding / erection inspection (VT / NDT) | hour | 1 | \$ - | \$ - | |
| 4.4 | High strength bolting (A325/A490) | hour | 1 | \$ - | \$ - | |
| 4.5 | Metal decking / shear stud inspection | hour | 1 | \$ - | \$ - | |
| 4.6 | Miscellaneous steel: shop welding (VT / NDT) | hour | 1 | \$ - | \$ - | |
| 4.7 | Miscellaneous steel: field welding (VT / NDT) | hour | 1 | \$ - | \$ - | |
| 4.8 | Review welding documents (WPS, etc.) | hour | 1 | \$ - | \$ - | |
| 4.9 | Material I.D. to CMTRs at fabrication shop | hour | 1 | \$ - | \$ - | |
| 4.10 | Sample / prep / test H.S. bolts w/ nuts & washers | set | 1 | \$ - | \$ - | |
| 4.11 | Sample / prep / test H.S. anchor bolts | each | 1 | \$ - | \$ - | |

| | | | | | | |
|------------|---|-------------|-----------------|------------------|----------------------------|-----------------------|
| 4.12 | Sample / prep / test end-welded shear studs | each | 1 | \$ - | \$ - | |
| 4.13 | Machine / test unidentifiable steel shapes / plates | each | 1 | \$ - | \$ - | |
| 4.14 | Sample / test base plate grout | each | 1 | \$ - | \$ - | |
| 4.15 | Spray-applied fireproofing (SAFP) inspection / sampling | hour | 1 | \$ - | \$ - | |
| 4.16 | Test SAFP (dry density) | each | 1 | \$ - | \$ - | |
| 4.17 | Sample transportation | trip | 1 | \$ - | \$ - | |
| 5.0 | MASONRY BLOCK / BRICK | | | | | |
| 5.1 | Sampling at fabrication plant | hour | 1 | \$ - | \$ - | |
| 5.2 | Qualification testing (ASTM-C140) | set | 1 | \$ - | \$ - | |
| 5.3 | Continuous placement inspection / sampling | hour | 1 | \$ - | \$ - | |
| 5.4 | Grout mix design review (Method- B) | each | 1 | \$ - | \$ - | |
| 5.5 | Built-up prism tests | each | 1 | \$ - | \$ - | |
| 5.6 | Grout compression tests (4x4x8 prisms) | each | 1 | \$ - | \$ - | |
| 5.7 | Mortar compression tests (2x4 cyls) | each | 1 | \$ - | \$ - | |
| 5.8 | Sample / test reinforcing steel (T and B, sizes #3 to #8) | set | 1 | \$ - | \$ - | |
| 5.9 | Post-construction field core sampling (6" cores) | hour | 1 | \$ - | \$ - | |
| 5.10 | Core compression tests | each | 1 | \$ - | \$ - | |
| 5.11 | Core shear tests | each | 1 | \$ - | \$ - | |
| 5.12 | Sample transportation (job-to-lab) | trip | 1 | \$ - | \$ - | |
| 6.0 | GLU-LAM STRUCTURAL LUMBER | Unit | Quantity | Unit Rate | Sub- Total (\$) | Foot Notes |
| 6.1 | Shop fabrication inspection | hour | 1 | \$ - | \$ - | |
| 6.2 | Sample / test steel accessories | each | 1 | \$ - | \$ - | |
| 6.3 | Fabrication inspection - steel accessories | hour | 1 | \$ - | \$ - | |
| 7.0 | CAST-IN-PLACE CONCRETE | | | | | |
| 7.1 | Batch plant inspection (1st truck only) | hour | 1 | \$ - | \$ - | |
| 7.2 | Jobsite sampling (6x12 cylinders) | hour | 1 | \$ - | \$ - | |
| 7.3 | Compression tests (4 cyls/set) | set | 1 | \$ - | \$ - | |
| 7.4 | Mix design review (Method-B) | each | 1 | \$ - | \$ - | |
| 7.5 | Sample transportation (job-to-lab) | trip | 1 | \$ - | \$ - | |
| 7.6 | Drying shrinkage (4x4x11 prisms) (ASTM C-157) | set | 1 | \$ - | \$ - | |
| 8.0 | SHOTCRETE | | | | | |
| 8.1 | Continuous placement inspections / sampling | hour | 1 | \$ - | \$ - | |
| 8.2 | Coring shotcrete sample panels (lab preps) | hour | 1 | \$ - | \$ - | |
| 8.3 | Shotcrete core compression tests (3 cores/set) | set | 1 | \$ - | \$ - | |
| 8.4 | Mix design review (Method-B) | each | 1 | \$ - | \$ - | |
| 8.5 | Sample transportation panels (job-to-lab) | trip | 1 | \$ - | \$ - | |
| 8.6 | Preconstruction test panel(s) | | | | | |
| 8.6.1 | • Witness fabrication | hour | 1 | \$ - | \$ - | |
| 8.6.2 | • Field coring of panel (s) | hour | 1 | \$ - | \$ - | |

| | | | | | | |
|-------------|---|-------------|-----------------|------------------|-----------------------|-------------------|
| 8.6.3 | • Evaluation of cores per ACI | hour | 1 | \$ - | \$ - | |
| 8.6.4 | • Core compression tests | each | 1 | \$ - | \$ - | |
| 9.0 | MISCELLANEOUS SERVICES | | | | | |
| 9.1 | Anchor / dowel proof load testing w/ equipment | hour | 1 | \$ - | \$ - | |
| 9.2 | Intumescent paint thickness checks | hour | 1 | \$ - | \$ - | |
| 9.3 | Locate steel non-destructively (pachometer) | hour | 1 | \$ - | \$ - | |
| 9.4 | Final report affidavit to DSA | | | | | |
| 9.4.1 | • Laboratory testing | each | 1 | \$ - | \$ - | |
| 9.4.2 | • Structural steel / welding: shop | each | 1 | \$ - | \$ - | |
| 9.4.3 | • Structural steel / welding: field | each | 1 | \$ - | \$ - | |
| 9.4.4 | • Masonry (block and/or brick) | each | 1 | \$ - | \$ - | |
| 9.4.5 | • Shotcrete | each | 1 | \$ - | \$ - | |
| 9.4.6 | • Pre- / Post-tensioned concrete | each | 1 | \$ - | \$ - | |
| 9.5 | Sample / test clay tile roofing | each | 1 | \$ - | \$ - | |
| 9.6 | Precast concrete inspection | hour | 1 | \$ - | \$ - | |
| 9.7 | Roofing material tests (built-up asphaltic) | set | 1 | \$ - | \$ - | |
| 10.0 | ALTERNATIVES | Unit | Quantity | Unit Rate | Sub-Total (\$) | Foot Notes |
| 10.1 | Materials placement inspections (generally done by IOR) | | | | | |
| 10.1.1 | • Reinforcing steel / embeds | hour | 1 | \$ - | \$ - | |
| 10.1.2 | • Concrete (addition to item 7.2) | hour | 1 | \$ - | \$ - | |
| 10.1.3 | • Waterproofing | hour | 1 | \$ - | \$ - | |
| 10.1.4 | • Anchor / dowel installation | hour | 1 | \$ - | \$ - | |
| 10.1.5 | • Roofing (all types) | hour | 1 | \$ - | \$ - | |
| 10.1.6 | • Structural lumber connections (nails, tiedowns, etc) | hour | 1 | \$ - | \$ - | |
| 10.2 | Geotechnical engineering site observation / supervision | hour | 1 | \$ - | \$ - | |
| 10.3 | Geotechnical engineering document reviews | hour | 1 | \$ - | \$ - | |
| 10.4 | Attend jobsite meetings / supervision | hour | 1 | \$ - | \$ - | |
| 10.5 | Travel time to / from distant location | hour | 1 | \$ - | \$ - | |
| 10.6 | Vehicle mileage charge to / from distant location | miles | 1 | \$ - | \$ - | |
| 10.7 | Per diem for distant location inspection | day | 1 | \$ - | \$ - | |

TOTAL COST PROPOSAL

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END of DOCUMENT