

February 1, 2024  
Project No. L202-010

**City of Lake Elsinore**

Attn: Gus Papagolos  
130 S. Main Street  
Lake Elsinore, California 92530

Subject: Scope of Work for City Hall Addition and Other City Projects  
Agreement for On-Call Services  
City of Lake Elsinore

Dear Mr. Papagolos,

Following is a general description of the scope of work we anticipate will be provided for the City Hall Addition and other projects under our recently executed on-call agreement. The actual scope of work on each individual project will vary.

**Geotechnical Observation, Testing and Sampling**

- Geotechnical evaluation of building area excavation bottoms
- Compaction testing during fill placement
- Compaction testing of footing excavations and floor slab subgrade
- Compaction testing of soil subgrade for concrete site paving, concrete walkways and other flatwork
- Compaction testing during placement of utility trench backfill
- Compaction testing of asphalt concrete pavement

**Concrete Inspection, Sampling and Testing**

- Mix design review and verification
- Concrete sampling and testing for slump, temperature and air content during construction of foundations, floor slabs, and other structural concrete
- Batch plant inspection
- Post-installed anchor testing
- Sampling and mill cert verification of reinforcing steel

### **Reinforced Masonry Inspection and Testing**

- Verification of mill certificate compliance of reinforcement, anchors and other metal components
- Review of producer's certificates of compliance for masonry units, mortar and grout materials
- Verification of reinforcement placement
- Inspection of anchor and other embed placement
- Observation and documentation of block placement, mortar and grout
- Sampling and fabrication of concrete masonry units (CMU), grout, mortar, and prisms
- Post-installed anchor testing

### **Structural Steel and Welding Inspection**

- Verify WPS, welder qualifications and equipment
- Verify heat numbers and mill certification information for all materials
- Welding inspection during shop fabrication of structural steel components
- Site welding inspection
- High-strength bolt sampling and material verification
- High-strength bolt testing

### **Laboratory Testing**

- Reinforcing steel – bend and tensile strength
- High-strength bolts and nuts – hardness and tensile strength
- Concrete – compressive strength
- Masonry CMU, grout, mortar and prisms – compressive strength
- Masonry core shear strength
- Soil and aggregate base – optimum moisture content, maximum density

### **Project Management and Reporting**

Technician and inspector reports will be reviewed daily and any issues of concern will be brought to the attention of the City of Lake Elsinore. This task may include site visits and attendance at the pre-construction meeting and periodic construction meetings as necessary. We will review and respond to contractor requests for information that pertain to soil and construction materials. We will provide technical consultation as necessary and will develop recommendations to address unanticipated or changed conditions.

During project construction, we will prepare interim inspection and testing reports that document the contractor's work and progress. Daily inspection reports can be left with the City at the end of each working day. Laboratory testing reports will be transmitted

immediately upon completion of the test. After project completion, final inspection and testing reports can be prepared to summarize all construction inspected and tested by IFE.

**Closure**

We appreciate the opportunity to work with the City of Lake Elsinore. Please let us know if you have any questions or need any other information.

Sincerely,

**INLAND FOUNDATION ENGINEERING, INC.**



**Allen D. Evans, P.E.**

Principal

ADE:sd

Distribution: Addressee