



REPORT TO CITY COUNCIL

To: Honorable Mayor and Members of the City Council

From: Jason Simpson, City Manager

Prepared by: Shannon Buckley, Assistant City Manager

Date: December 10, 2024

Subject: Amendment No. 1 to the Professional Services Agreement with Inland Foundation Engineering, Inc. for Geotechnical Services on the City Hall Project #Z20006

Recommendation

Approve and authorize the City Manager to execute Amendment No. 1 to the Professional Services Agreement with Inland Foundation Engineering, Inc. in an amount not to exceed \$75,000.00 for geotechnical services related to the City Hall project in such final form as approved by the City Attorney.

Background

On August 27, 2024, the City entered into a professional services agreement with Inland Foundation Engineering, Inc. to provide geotechnical engineering services with valued engineering concepts. These services are needed to create an engineered building site and satisfy ongoing structural inspections of concrete, steel, and framing on the project. Inland Foundation Engineering, Inc.

Discussion

This agreement contains standard geotechnical engineering services for construction projects and will include the needed geotechnical engineering construction documentation to affect structural certification. These tasks are included in the following:

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
- Concrete Inspection, Sampling, and Testing
- Mix design review and verification
- Concrete sampling and testing for slump, temperature, and air content during the construction of foundations, floor slabs, and other structural concrete.
- Batch plant inspection

Reinforced Masonry Inspection and Testing

- Verification of reinforcement placement
- Inspection of anchor and other embedded placement
- Sampling and fabrication of concrete masonry units (CMU), grout, mortar

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, testing, and material verification

Laboratory Testing

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

The Inland Foundation Engineering, Inc. amendment will include all of the originally proposed services in greater quantity, specifically the structural steel and welding Inspection and welding inspection during shop fabrication of structural steel components.

Fiscal Impact

Funding costs are included in the Fiscal Year 24/25 – 28/29 Capital Improvement Plan (CIP) budget, CIP Project #Z20006.

Attachments

- Attachment 1 – Amendment No. 1
- Attachment 2 – Original Agreement