



**PUBLIC WORKS DEPARTMENT  
MEMORANDUM #2017 - 29**

DATE: April 24, 2017

TO: Honorable Mayor Joyce Downing and City Council Members

FROM: James A. Hayes, AICP – City Manager   
David H. Willett – Director of Public Works 

SUBJECT: **CR – 46**  
2017 On Call Geotechnical Engineering Services – Addendum #1

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**PURPOSE**

The City Council will be considering a contract addendum to the 2017 On Call Geotechnical Engineering Services Contract.

**BACKGROUND**

The On Call Contract provides the City with additional technical resources as it relates to geotechnical, environmental, construction observation and material testing on all City construction projects.

The original contract amount for 2017 is \$25,000.

The addendum will increase the contract amount to account for various projects throughout the city of Northglenn that are currently under construction, or will begin, in 2017. A few of the major projects include:

- 99<sup>th</sup> Avenue Reconstruction
- Community Center Drive Signal Installation
- Headworks Project (current, through 2017)
- Residential Streets
- Collection System Rehabilitation
- Justice Center
- Ralston House

**BUDGET IMPLICATIONS**

Work completed under this contract will be expensed through multiple funding sources:

- General Fund (professional services)
- Water/Wastewater Fund (professional services)
- Capital Project Fund

Original Contract Amount	\$25,000.00
Contract Addendum #1	\$75,000.00
Balance	\$100,000.00

2017 On Call Geotechnical Engineering Services  
April 24, 2017

**RECOMMENDATION**

Attached to this memorandum is a Resolution that, if approved, would:

Authorize the Mayor to execute an Addendum #1 between the city of Northglenn and **CTL Thompson, INC.** for the 2017 On Call Geotechnical Engineering Services in an amount not to exceed **\$75,000.00.**

Staff recommends approval of the Resolution.

**STAFF REFERENCE**

Kent Kisselman, PE, Engineering Manager  
Nathan Haasis, PE, Project Manager

[kkisselman@northglenn.org](mailto:kkisselman@northglenn.org) 303.450.4005  
[gyanker@northglenn.org](mailto:gyanker@northglenn.org) 303.450.8837

**ATTACHMENTS**

- € Addendum #1
- € Scope of Services

SPONSORED BY: MAYOR DOWNING

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-46  
Series of 2017

\_\_\_\_\_  
Series of 2017

A RESOLUTION APPROVING ADDENDUM NO. 1 TO THE PROFESSIONAL SERVICES AGREEMENT BETWEEN THE CITY OF NORTHGLENN AND CTL THOMPSON, INC. FOR ON-CALL PROFESSIONAL ENGINEERING SERVICES

WHEREAS, the City of Northglenn entered into a Professional Services Agreement with CTL Thompson, Inc. for on-call geotechnical engineering, environmental engineering, and construction observations and material testing services on December 7, 2016; and

WHEREAS, the City desires to amend the Agreement to allow for an additional scope of services to provide engineering services to the City for various projects which are currently under construction or anticipated to begin construction in 2017, as more particularly described in the attached Addendum No. 1.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. Addendum No. 1 to the Professional Services Agreement between the City of Northglenn and CTL Thompson, Inc., attached hereto, in an amount not to exceed \$75,000, for on-call professional engineering services is hereby approved and the Mayor is authorized to execute same on behalf of the City of Northglenn.

DATED at Northglenn, Colorado, this \_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
JOYCE DOWNING  
Mayor

ATTEST:

\_\_\_\_\_  
JOHANNA SMALL, CMC  
City Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
COREY Y. HOFFMANN  
City Attorney

**ADDENDUM #1 TO AGREEMENT FOR PROFESSIONAL SERVICES**

THIS FIRST ADDENDUM TO AGREEMENT FOR PROFESSIONAL SERVICES is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2017, by and between the CITY OF NORTHGLENN, State of Colorado (hereinafter referred to as the "City") and CTL Thompson, Inc. (hereinafter referred to as "Consultant").

**RECITALS:**

A. On December 7, 2016 the City and Consultant entered into an Agreement for Professional Services for engineering services (the "Agreement").

B. The parties desire to supplement the Agreement with this Addendum #1 to allow for an additional scope of services for:

**Exhibit A,**

**AGREEMENT**

NOW, THEREFORE, it is hereby agreed that for the consideration hereinafter set forth, that Consultant shall provide to the City, professional engineering services as needed in the manner provided in the Agreement.

1. The Scope of Services in the Agreement is hereby supplemented to include the scope of services for professional engineering attached hereto as **Exhibit A**, and incorporated herein by this reference (the "Additional Scope of Services"). Consultant shall commence work on the Additional Scope of Services within ten (10) days of the issuance of a Notice to Proceed.

2. Subparagraph A. of Article IV entitled "Compensation" is hereby amended to provide as follows:

A. Compensation shall not exceed \$75,000.00 for the work described in **Exhibit A** to this Addendum #1.

3. The original Agreement is in full force and effect and is hereby ratified by the City and the Consultant. The original Agreement and this Addendum constitute all of the agreements between the City and the Consultant.

IN WITNESS WHEREOF, the parties hereto each herewith subscribe to the same in duplicate.

CITY OF NORTHGLENN, COLORADO

By: \_\_\_\_\_  
Joyce Downing Date  
Title: Mayor \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Johanna Small, CMC, City Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
Corey Y. Hoffmann, City Attorney

CONSULTANT

By: Maureen E. Lunde  
Vice President 4/4/17  
Title Date

ATTEST:

\_\_\_\_\_  
\_\_\_\_\_  
Title Date

Meagan Dopp 4/4/17  
MEAGAN DOPP  
Notary Public  
State of Colorado  
Notary ID 20134051803  
My Commission Expires Aug 19, 2017

## **EXHIBIT A**

**Additional funds for On-Call Geotechnical Engineering, Environmental Engineering, Construction Observations and Material Testing (PROFESSIONAL ENGINEERING SERVICES) services for the remainder of 2017.**



**I. SCOPE OF SERVICES**

**A. Geotechnical Engineering Services**

- Drilling and Subsurface Exploration – Determination of subsurface material for the development of design parameters for pavements, foundations and other construction related activities.
- Pavement Design – Provide pavement design recommendation for all classifications of streets based on AASHTO, FAA, CDOT, FHWA and local procedures.
- Foundation and Structural Recommendations – Provide a full range of design services for the evaluation of structural footings, slab on grade, drilled piers, ect.
- Provide any other geotechnical engineering recommendations as needed to include the review of previous reports and recommendations and act as the City owner’s representative.

**B. Environmental Engineering Services**

- Phase I Environmental Site Assessments – To be conducted utilizing current State and Federal guidelines and in accordance with applicable ASTM Standards.
- Phase II Environmental Site Assessments – To be conducted utilizing current State and Federal guidelines based on the Phase I assessments.
- Soil and Ground Water Investigations – perform testing to determine the depth and location of ground water and provide recommendations for the remediation of ground water during construction activities to include construction dewatering plans and discharge monitoring in accordance with NPDES permit program.
- Any other environmental engineering services that may be required by the City.

**C. Construction Observations and Material Testing**

- Soils and Aggregate – Ability to perform all types of onsite soil and aggregate materials testing as well as barrow and fill material testing in accordance with applicable standards and specifications.
- Concrete – Ability to perform all types of concrete materials testing in accordance with applicable standards and specifications.
- Asphalt – Ability to perform all types of asphalt materials testing in accordance with applications standards and specifications.
- ICC Special Inspections – Ability to perform all types of ICC inspections to include reinforcing steel ect.
- Other materials testing services as directed by the City.