

**AMENDMENT NO. 1**  
**to the**  
**PROFESSIONAL ENGINEERING SERVICES AGREEMENT**  
**BETWEEN THE CITY OF COLUMBIA, MISSOURI,**  
**AND**  
**ALLSTATE CONSULTANTS LLC**

This Amendment No. 1 to the June 23, 2021 professional engineering services agreement between the **CITY OF COLUMBIA** ("CITY"), and **ALLSTATE CONSULTANTS LLC** ("ENGINEER") is made as of the date of the last signatory noted below.

**RECITALS**

- A. WHEREAS, on June 23, 2021, CITY and ENGINEER entered into an agreement for professional engineering services for the materials testing services for the Discovery Parkway Extension project (hereinafter "Agreement"); and
- B. WHEREAS, the Parties hereto desire to formally amend the Agreement with this First Amendment (hereinafter "First Amendment") to add additional services and desire to be bound by the terms contained in the Agreement as amended by this First Amendment to the Agreement.

**AMENDMENT**

NOW, THEREFORE, in consideration of the mutual benefit to be derived by the Parties, it is agreed to amend the Agreement, as follows.

- 1. Section 2.1.1 is replaced with the following:  
"2.1.1 Perform professional engineering services as set forth in Exhibit A – "Scope of Basic Services," dated May 17, 2021, and as set forth in Exhibit A1 – "Supplemental Scope of Basic Services" dated September 24, 2021 to this First Amendment (the professional engineering services as set forth in Exhibit A and Exhibit A1 shall hereinafter be referred to as "Scope of Basic Services")."
- 2. Section 6.1.1.6 of the Agreement shall be replaced with the following:  
"Total payment for Scope of Basic Services and all other expenses and costs to City under this Agreement shall not exceed fifty-seven thousand dollars (\$57,000)."
- 3. All other terms of the Agreement shall remain unchanged and in full force and effect. The Parties hereby adopt, ratify and confirm the Agreement as it is amended by this First Amendment. This First Amendment shall be binding on, and inure to the benefit of, the parties hereto.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties hereto have duly executed this Amendment No. 1 to the Agreement, on the day and year last written below.

CITY OF COLUMBIA, MISSOURI

*DAW*

By: \_\_\_\_\_  
John Glascock, City Manager  
Date: \_\_\_\_\_

ATTEST:

By: \_\_\_\_\_  
Sheela Amin, City Clerk

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Nancy Thompson, City Counselor

CERTIFICATION: I, hereby certify that this contract is within the purpose of the appropriation to which it is to be charged, Account Number 44008830 604990 00633, and that there is an unencumbered balance to the credit of such appropriation sufficient to pay therefor.

\_\_\_\_\_  
Matthew Lue, Director of Finance

ALLSTATE CONSULTANTS LLC

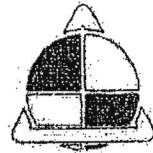
By: *Donald W. Fischer*  
*9/28/2021*  
Date

ATTEST:

By: *Karen Sayre*  
Name: *Karen Sayre*

Exhibit A

Engineering Our Community



**ALLSTATE  
CONSULTANTS**

May 17, 2021

Mrs. Allison Anderson, PE  
City of Columbia - Department of Public Works  
701 E Broadway  
Columbia, Missouri 65205

RE: Proposal for Construction Testing Services  
Discovery Parkway Extension  
Columbia, Missouri

Dear Mrs. Anderson:

Allstate Consultants would be pleased to provide the earthwork, concrete testing and reinforcing inspection services for the proposed Discovery Parkway Extension project in Columbia, Missouri.

We understand the scope of our services will be limited to subgrade observation and inspection, earthwork and concrete observation and testing, reinforcement inspection and pile driving inspection for the proposed pavements and bridge construction per the plans prepared by Allstate Consultants LLC and Bradford Engineering Services LLC for the City of Columbia – Department of Public Works dated 12-14-2018.

Our services can be provided on an hourly rate basis in accordance with the attached fee schedule. We anticipate that the earthwork and concrete observation and testing will be performed by a Technician II working under the supervision of a Registered Professional Engineer and the more complex portions of the project will likely require observation by an Engineer III or a Technician IV. The level of the personnel assigned to perform the services will generally be dependent on the technical requirements and skills required for the service, but in some instances may be influenced by scheduling, staff availability or jobsite conditions.

We request the project superintendent notify us at least 1 week in advance of commencement of construction to arrange for proctor sampling and testing and at least 1 day in advance of needing our services during construction so that we can adequately schedule our staff. We understand that this level of notice may not be possible in every instance and we will make every effort to accommodate occasional short notice requests whenever feasible.

**Proposal for Construction Observation & Testing Services  
Proposed Discovery Parkway Extension, Columbia, Missouri  
Allstate Proposal No. 21000.15GCT**

Our services will be scheduled on an as-called basis and the extent of our services will be highly dependent on the time that we are on site performing the above described testing services.

This proposal was prepared for the exclusive use of the client for the specific site described herein and has been prepared in accordance with generally accepted engineering practices. ~~Our attached Terms and Conditions are considered a part of this proposal and are hereby incorporated by reference into our agreement.~~

Our total fee for the above described services will depend on many factors including but not limited to: construction scheduling and production rates for the various sub-contractors performing the work; the number of trips to the site; the time we are required to be on site; delays occurring prior to or during the construction materials testing and other factors that are typically beyond our control. However, based on the anticipated and described scope of work, our fee will not exceed \$ 37,650.

The above estimated fees are based on:

- 1 site trip to obtain Proctor samples with delivery to our Columbia lab
- 5 Proctor tests on onsite borrow material
- 2 Proctor tests on granular base course material
- 10 site trips at 8 hours/trip for compacted fill and subgrade testing
- 2 site trips at 2 hours/trip for asphalt paving compaction testing
- 6 site trips at 8 hours/trip for deep foundation observations
- 20 hours for concrete specimen check-in
- Concrete specimen compressive strength testing

Our services will be performed by a Technician II working under the supervision of a geotechnical engineer (PE) or an Engineer III or Technician IV, from our Columbia office. Our field technician will need to be on site on a full-time basis to observe and test all compacted fill and compacted subgrades for pavement construction. We will also likely be required to be onsite on a full-time basis for necessary deep foundation observations and documentation.

Our estimated fees could increase if we are required to be on site more than anticipated or if additional services are required. The billing for our services will be directed to Mrs. Allison Anderson, PE with the City of Columbia – Department of Public Works.



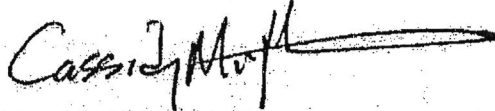
**ALLSTATE  
CONSULTANTS**

**Proposal for Construction Observation & Testing Services  
Proposed Discovery Parkway Extension, Columbia, Missouri  
Allstate Proposal No. 21000.15GCT**

You may execute this agreement by signing and dating this proposal in the space provided below and returning one copy to our office. If you have any questions or comments, please do not hesitate to give us a call.

Sincerely,

**Allstate Consultants LLC**



Cassidy Mathews, PE  
Geotechnical Engineer

PROPOSAL ACCEPTED BY:

\_\_\_\_\_  
CLIENT'S FIRM NAME (PRINT)

\_\_\_\_\_  
(PLEASE PRINT SIGNATURE)

\_\_\_\_\_  
BY: (AUTHORIZED SIGNATURE)

\_\_\_\_\_  
DATE

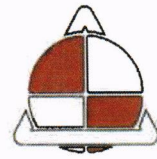


**ALLSTATE  
CONSULTANTS**

**EXHIBIT A1**  
**Supplemental Scope of Basic Services**  
**And**  
**Schedule of Hourly Labor Billing Rates**

Exhibit A1

Engineering Our Community



**ALLSTATE**  
CONSULTANTS

September 24, 2021

Allison Anderson, PE  
City of Columbia – Public Works  
701 East Broadway  
Columbia, MO 65205

RE: Discovery Parkway Extension-Construction Testing

This letter is intended to request additional funds for the aforementioned agreement. The reasons for the overage of the original estimate include:

- there were 5 or 6 unsuitable subgrade areas that weren't anticipated
- there were different soils where additional proctors were required
- some of the cylinders are needing to be capped which weren't in the original estimate
- the City representative on-site is requiring us to break three 28-day cylinders; we estimated that we would break two 28-day cylinders
- the original estimate was 11 days of dirt work, 8 hours/day; we currently have 21 days, 10-12 hours/day

The additional budget we believe, based upon the completion of the project, would be \$19,350. This includes:

1. 3 days moisture density (M/D) testing clay on north side of west bridge and north and south side of east bridge – 30 hours x \$75 = \$2,250
2. 3-4 days M/D testing base rock – 40 hours x \$75 = \$3,000
3. ¾ day M/D reports – 6 hours x \$75 = \$450
4. ½ day review M/D reports – 4 hours x \$135 = \$540
5. Break cylinders remaining – 296 cylinders x \$20 = \$5,920
6. Cap cylinders remaining – 95 x \$10 = \$950
7. Concrete reports and review – 5 days = 148 reports x \$135 = \$5,200
8. Supervision of remaining field work – 8 hours x \$135 = \$1,040

Please let me know if you need further information.

Sincerely,

Donald Fischer  
Construction Manager



**ALLSTATE  
CONSULTANTS**

**2021 Rate Schedule**

<b><u>TITLE</u></b>	<b><u>RATE</u></b>
PRINCIPAL.....	\$180.00
ENGINEER III .....	\$150.00
ENGINEER II.....	\$140.00
ENGINEER I.....	\$125.00
WATER QUALITY SCIENTIST III .....	\$145.00
WATER QUALITY SCIENTIST II .....	\$115.00
WATER QUALITY SCIENTIST I .....	\$75.00
PROJECT SCIENTIST III.....	\$140.00
INVESTIGATIVE ENGINEER III.....	\$225.00
INVESTIGATIVE ENGINEER II .....	\$200.00
INVESTIGATIVE ENGINEER I.....	\$170.00
TECHNICIAN VI/SURVEYOR III .....	\$135.00
TECHNICIAN V/SURVEYOR II.....	\$125.00
TECHNICIAN IV/SURVEYOR I/SENIOR PROJECT MANAGER.....	\$110.00
TECHNICIAN III/ PROJECT MANAGER I.....	\$91.00
TECHNICIAN II .....	\$75.00
TECHNICIAN I .....	\$55.00
TECHNICIAN .....	\$36.00
SURVEY CREW (1 MAN).....	\$135.00
SURVEY CREW (2 MEN) .....	\$160.00
SURVEY CREW (3 MEN) .....	\$185.00
INVESTIGATOR IV .....	\$130.00
INVESTIGATOR III.....	\$120.00
INVESTIGATOR II .....	\$95.00
INVESTIGATOR I.....	\$77.00
EXPERT TESTIMONY II .....	\$365.00
EXPERT TESTIMONY I.....	\$235.00
DRILL RIG CREW (2 MEN) .....	\$165.00
DRILL RIG CREW WITH GROUTER (2 MEN) .....	\$185.00
GPS RECEIVERS/DRONE (PER UNIT) .....	\$130.00/day
TRAFFIC COUNTERS (PER UNIT) .....	\$55.00/day
ATV (PER UNIT).....	\$130.00/day
MILEAGE .....	IRS Rate
EXPENSES (Lodging, Meals, Printing, Research, & etc.).....	Actual Cost

3312 LeMone Industrial Boulevard  
Columbia, Missouri 65201  
Phone: 573-875-8799  
Fax: 573-875-8850  
Allstate/files/allstate/wage rates

900 SW Oldham Pkwy  
Suite 203  
Lee's Summit, MO 64081  
816-895-2310

30601 Highway 5  
Marceline, Missouri 64658  
Phone: 660-376-2941  
Fax: 660-376-3492



**GEOTECHNICAL AND CONSTRUCTION OBSERVATION AND TESTING SERVICES**

**SUBSURFACE EXPLORATION**

Mobilization of Truck Mounted Drill Rig and 2-Man Crew.....	\$160/hour
Mobilization of ATV Mounted Drill Rig and 2-Man Crew.....	\$3.00/mile
Mobilization of Water Truck or Support Vehicle.....	\$1.25/mile
Drilling and Sampling Using Thin-walled Tubes and/or Split Barrel Samplers in Soil & NX Coring in Rock (Truck Mounted Drill and 2-Man Crew).....	\$160/hour
Drilling and Sampling Using Thin-walled Tubes and/or Split Barrel Samplers in Soil & NX Coring in Rock (ATV Mounted Drill and 2-Man Crew).....	Actual Cost
ATV Mounted Drill Rig Surcharge (If Any).....	Actual Cost
Specialized In-Situ Tests.....	On Request
Subcontractors, Rentals, Supplies and Dozer Assistance.....	Actual Cost
For Actual Cost of Sub Contracted Items.....	See Attached

**LABORATORY TESTING SERVICES**

Moisture Content.....	\$6.00/test
Dry Unit Weight.....	\$15.00/test
Unconfined Compressive Strength.....	\$35.00/test
With Stress vs. Strain Curve.....	\$60.00/test
Extrude Shelby Tube.....	\$10.00/each
Calibrated Penetrometer Test.....	\$4.00/test
Visual Soil Classification.....	\$5.00/test
Atterberg Limits (3 Pt. Liquid Limit).....	\$100.00/test
Sieve Analysis (with wet wash over No. 200 sieve).....	\$100.00/test
Hydrometer Analysis.....	\$110.00/test
Combined Grain Size Analysis (Sieve and Hydrometer).....	\$220.00/test
Specific Gravity Determination.....	\$80.00/test
Swell Potential (1 Surcharge Pressure).....	\$200.00/test
Swell Potential and Swell Pressure.....	\$300.00/test
Consolidation Test with e log p Curve.....	\$525.00/test
With Time vs. Deformation Plots.....	\$50.00/plot
Standard Proctor Test.....	\$175.00/test
Modified Proctor Test.....	\$250.00/test
Laboratory CBR Test (Per Specimen).....	\$250.00/test
Concrete Compressive Strength Tests.....	\$20.00/test
Capping or Trimming Irregular Ends of Concrete Cylinders.....	\$10.00/each
Concrete Flexural Strength Tests.....	\$50.00/test
Other Specialized Tests (Triaxial Shear, Direct Shear, Hydraulic Conductivity etc.).....	Actual Cost

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