

AMENDATORY AGREEMENT

This **AMENDATORY AGREEMENT** is made and entered by and between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado (the “City”) and **ALFRED BENESCH & COMPANY**, an Illinois corporation registered to do business in Colorado, whose address is 7979 E. Tuffs Avenue Suite 800, Denver CO 80237 (the “Consultant”), jointly (“the Parties”).

RECITALS:

A. The Parties entered into an Agreement dated January 8, 2021 (the “Agreement”) for the performance of certain work set forth in that Agreement and Exhibit A.

B. The Parties wish to amend the Agreement to extend the Term, and to make such other amendments herein set forth.

NOW THEREFORE, in consideration of the premises and the Parties’ mutual covenants and obligations, the Parties agree as follows:

1. All references to “**Exhibit B**” in the Agreement shall be amended to read: “Exhibit B and Exhibit B-1”. Exhibit B-1 is attached hereto and incorporated herein by this reference.

2. Section 4 of the Agreement entitled **TERM AND TERMINATION** Sub-section 4.01 entitled **Term** is amended to read as follows:

“**4.01. Term.** The term of this Agreement shall commence on January 15, 2021 and shall expire on January 14, 2026, unless sooner terminated or extended by written amendment. The Consultant shall complete any task orders in progress as of the expiration date of this agreement and the term will extend until the work is completed or earlier terminated by the Director. The term of this agreement may be extended for one additional year at the City’s sole discretion by written amendment.”

3. Section 6 of the Agreement entitled **GENERAL PROVISIONS** Sub-section 6.06 entitled **No Discrimination in Employment** is hereby deleted in its entirety and replaced with:

“**6.06. No Discrimination in Employment:** In connection with the performance of work under the Agreement, the Contractor may not refuse to hire, discharge, promote, demote, or discriminate in matters of compensation against any person

otherwise qualified, solely because of race, color, religion, national origin, ethnicity, citizenship, immigration status, gender, age, sexual orientation, gender identity, gender expression, marital status, source of income, military status, protective hairstyle, or disability. The Contractor shall insert the foregoing provision in all subcontracts.”

4. Section 6 of the Agreement entitled **GENERAL PROVISIONS** Sub-section 6.19 of the Agreement entitled **No Employment of Illegal Aliens to Perform Work Under the Agreement** is hereby deleted in its entirety.

5. As herein amended, the Agreement is revived, affirmed, and ratified in each and every particular.

6. This Amendatory Agreement will not be effective or binding on the City until it has been fully executed by all required signatories of the City and County of Denver, and if required by Charter, approved by the City Council.

[THE BALANCE OF THIS PAGE IS INTENTIONALLY LEFT BLANK.]
[SIGNATURE PAGES FOLLOW]

Contract Control Number: DOTI-202369331-01 [202056574-01]
Contractor Name: Alfred Benesch & Company

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of:

SEAL

CITY AND COUNTY OF DENVER:

ATTEST:

By:

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

Attorney for the City and County of Denver

By:

By:

By:

Contract Control Number:
Contractor Name:

DOTI-202369331-01 [202056574-01]
Alfred Benesch & Company

By:  _____
676F9F11CE134E1...

Name: John Sabo
(please print)

Title: Vice President
(please print)

ATTEST: [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)

Exhibit B-1

PRIME TEAM MEMBERS

Prime: Alfred Benesch & Company

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Project Manager I	Project Management / Design	\$162.00
Project Manager II	Project Management / Design	\$204.00
Senior Project Manager	Project Management / Design	\$233.00
Project Principal	Project Oversight / QAQC	\$263.00
Project Engineer 1	Engineering Design	\$132.00
Project Engineer II	Engineering Design	\$139.00
Senior Project Engineer	Engineering Design	\$182.00
Designer I	Engineering Design	\$108.00
Designer II	Engineering Design	\$121.00
Technologist I	Design / CAD	\$72.00
Technologist II	Design / CAD	\$100.00
Senior Technologist	Design / CAD	\$133.00
Inspector II	Construction Inspection	\$84.00
Inspector III	Construction Inspection	\$103.00
Senior Inspector	Construction Inspection	\$142.00
Intern	CAD	\$74.00
Resident Project Manager I	Construction Management / Oversight	\$133.00
Resident Project Manager II	Construction Management / Oversight	\$173.00
Senior Resident Project Manager	Construction Management / Oversight	\$194.00
Senior Project Manager (Con)	Construction Management / Oversight	\$210.00
Office Assistant	Administrative Duties	\$55.00

Exhibit B-1

Title/Classification	Responsibilities	Rate/Hr.
Project Assistant I	Administrative Duties	\$70.00
Project Assistant II	Administrative Duties	\$94.00
Division Administrative Assistant I	Administrative Duties	\$60.00
Division Administrative Assistant II	Administrative Duties	\$74.00
Construction Representative I	Construction Oversight	\$99.00
Construction Representative II	Construction Oversight	\$108.00
Construction Representative III	Construction Oversight	\$117.00
Senior Construction Representative	Construction Oversight	\$146.00
Inspector I	Construction Inspection	\$74.00

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

REIMBURSABLE EXPENSES

Prime: Alfred Benesch & Company

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ ___ at cost ___ / each
Copies (8 1/2 x 14")	\$ ___ at cost ___ / each
Red-line copies	\$ ___ at cost ___ / S.F.
Reproducibles	\$ ___ at cost ___ / page

Exhibit B-1

SUB TEAM MEMBERS

Sub: 105 West, Inc.

List ALL potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Dir.of Survey/Mapping	Project Principal/Perform Survey work and ROW work	\$155
Project Surveyor	Manage Projects/day-to-day field operations & surveying	\$135
Survey Technician	Perform all types of surveying required for completion	\$110
Party Chief	Perform field work and coordination	\$105
Instrument Operator	Assist Party Chief in performing field work/coordination	\$75
Administrative	Perform administrative duties	\$80
Survey Crew (1-Man)	Perform field work and coordination	\$150
Survey Crew (2-Man)	Perform field work and coordination	\$180
Survey Manager	Manage Projects/Perform Survey work and ROW work	\$150

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.7.

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: 105 West, Inc.

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation/equipment costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>0.12</u> / each
Copies (8 1/2 x 14")	\$ <u>0.14</u> / each
Red-line copies	\$ <u>N/A</u> / S.F.
Reproducibles	\$ <u>N/A</u> / page

Exhibit B-1

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Clanton & Associates

List **ALL** potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Chief Executive Officer	Visioning, Project Approach, Quality Control	\$355
President	Contracts, Staffing, Project Oversight, Professional Engineering, Quality Control	\$340
Principal	Contracts, Staffing, Project Oversight, Professional Engineering, Quality Control	\$255
Associate	Contracts, Staffing, Project Oversight, Professional Engineering, Quality Control	\$240
Senior Engineer II	Project Management, Electrical Engineering, Quality Control	\$230
Senior Engineer I	Project Management, Electrical Engineering, Quality Control	\$195
Engineer II	Lighting Design, Electrical Engineering, Project Support	\$165
Engineer I	Lighting Design, Electrical Engineering, Project Support	\$145
Senior Designer II	Project Management, Lighting Design, Quality Control	\$225
Senior Designer I	Project Management, Lighting Design, Quality Control	\$170
Designer II	Lighting Design, Project Support	\$150
Designer I	Lighting Design, Project Support	\$140
Intern	Lighting Design, Electrical Engineering, Project Support	\$110
Production Manager	CADD Production, Deliverables Management, Quality Control	\$215
Senior CADD Technician	CADD Production	\$140
CADD Technician	CADD Production	\$115
Marketing Manager	Marketing, Proposal Development, Contract Review	\$105
Office Manager	Invoicing, Office Administration	\$105

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.5.

The City will not compensate the consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction costs, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub-Consultant: Clanton & Associates

The additional expenses of the consultant reimbursable by the City shall include:

1. Actual cost of reproduction of drawings and specifications requested by the City.
2. Travel cost may apply for sub consultants not local to the project. Travel shall be pre-approved by the DOTI PM.

The Consultant will be required to submit a complete list of pricing reimbursable items.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ ____ .07/ each
Copies (8 1/2 x 14")	\$ ____ .075/ each
Red-line copies	\$ ____ 1.25/ S.F.
Reproducibles	\$ ____ 1.25/ page

Exhibit B-1

SUB TEAM MEMBERS

Sub: Conzor Engineers, LLC - Previously Apex Design

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal	Contract management, general project oversight, quality review, public involvement participation, business engagement, and project design troubleshooting.	\$ 248
Principal Engineer I	Project management, general project oversight, quality review, public involvement participation, business engagement, and project design troubleshooting.	\$ 232
Senior ITS Engineer III	Full responsibility for large, complex projects or a number of large projects. Provides direction for ITS engineering drawings, analysis, preparation of specifications and engineering estimates.	\$ 231
Senior Transportation Engineer III	Full responsibility for large, complex projects or a number of large projects. Provides direction for transportation engineering drawings, analysis and report preparation, preparation of specifications and engineering estimates.	\$ 223
Senior Project Manager	Full responsibility for large, complex projects or a number of large projects. Provides direction for engineering drawings, analysis and report preparation, preparation of specifications and engineering estimates.	\$ 211
Principal Planner	Manages and performs technical tasks for complex projects or a number of large projects. Identifies and resolves problems as they arise. Provides direction for planning reports, analysis and report preparation, preparation of technical graphics and planning-level cost estimates.	\$ 206
Group Manager	Senior project management, construction oversight and manages teams. Creates and manages construction schedules; Performs pre-and post- installation field reviews; shares lessons learned from installations, manages integration and testing in field.	\$ 186
Senior Transportation Engineer II	Contract management and general project oversight. Applies standard engineering techniques and procedures, professional judgment to make modifications or execute complex features or solutions on projects.	\$ 186
Senior Planner III	Project management, applies planning methods and procedures, professional judgment to make modifications or provide solutions on multimodal transportation projects. Public outreach, stakeholder engagement and consensus building. Provide technical guidance and leads tasks throughout project.	\$ 171
Senior Civil Engineer	Manages and performs technical tasks, preparation of engineering drawings, analysis, reports and specifications.	\$ 164
Senior ITS Engineer	Preparation of ITS engineering concepts, analysis, report preparation, design, and preparation of specifications and engineering estimates. Directs EIT work tasks.	\$ 165
Senior Planner II	Project management, applies planning methods and procedures, professional judgment to make modifications or provide solutions on multimodal transportation projects. Public outreach, stakeholder engagement and consensus building.	\$ 161
Senior ITS Specialist	Providing technical expertise for traffic and ITS tasks, overseeing and delivering projects, field work, analysis, preparation of plans, specification, estimates, and	\$ 152
Senior Transportation Engineer	Preparation of traffic and transportation engineering analysis, design, and report preparation, preparation of specifications and engineering estimates. Directs EIT work tasks.	\$ 155
Planner IV	Manages and supports preparation of technical analysis, data collection, GIS mapping, meeting and project graphics, and report preparation. Leads tasks associated with a <u>multimodal planning project</u> .	\$ 151
Transportation Engineer	Preparation of engineering drawings, analysis and report preparation.	\$ 151

Exhibit B-1

CI Level E	Performs and supervises complex construction tasks. Performs project management activities. Technical knowledge of engineering specifications and constructions quality requirements. Design plans, specifications; typical details; cost estimating; remote	\$ 146
Transportation Engineer	Preparation of engineering drawings, analysis and report preparation.	\$ 143
Planner III	Supports preparation of technical analysis, data collection, GIS mapping, meeting and project graphics, and report preparation.	\$ 140
ITS Engineer	Preparation of engineering drawings, analysis and report preparation for ITS specific projects.	\$ 130
Transportation Engineer	Preparation of engineering drawings, analysis and report preparations.	\$ 130
ITS Construction Specialist	Providing field reconnaissance, remote support, design clarifications for ITS tasks, overseeing and delivering projects, field work, analysis, preparation of plans, specification, and estimates.	\$ 130
EIT IV	Preparation of engineering drawings, analysis and report preparation.	\$ 130
Planner I	Supports preparation of technical analysis, data collection, GIS mapping, meeting and project graphics, and report preparation.	\$ 114
CI Level D	Field reconnaissance; design plans, specifications; typical details; cost estimating; remote support; design clarifications; field revisions; as-builts. Performs and supervises	\$ 130
CI Level C	Performs and supervises construction tasks. Thorough technical knowledge of construction requirements and standards	\$ 120
Senior TIM Coordinator	Manage and/or staff traffic management center	\$ 114
Engineering Designer III	Performs engineering analysis, design and drafting assignments under the general direction of a licensed professional engineer.	\$ 111
CI Level B	Performs construction inspection and documentation.	\$ 108
Planner	Supports preparation of technical analysis, data collection, GIS mapping, meeting and project graphics, and report preparation.	\$ 108
EIT III	Performs engineering analysis, design and drafting assignments under the general direction of a licensed professional engineer.	\$ 108
EIT II	Performs engineering analysis, design and drafting assignments under the general direction of a licensed professional engineer.	\$ 101
CI Level A	Performs general construction inspection and documentation. Entry Level	\$ 99
EIT	Performs engineering analysis, design and drafting assignments under the general direction of a licensed professional engineer.	\$ 95
Junior Transportation Planner	Supports preparation of technical analysis, data collection, GIS mapping, meeting and project graphics, and report preparation.	\$ 75
Intern	Performs data collection, analysis, and drafting assignments under the direction of professional staff	\$ 52
Project Administrator	Responsible for all accounting aspects of project.	\$ 138
Project Assistant	Performs word processing, report preparation, specifications, mailings and reproduction. Provides invoicing support and contract management.	\$ 93
Administrative Assistant	Performs word processing, report preparation, specifications, mailings and reproduction.	\$ 62
<p>The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.</p>		

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Design Concepts, Inc.

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>.059</u> / each
Copies (8 1/2 x 14")	\$ <u>.059</u> / each
Red-line copies	\$ <u>.30</u> / S.F.
Reproducibles	\$ <u>at cost</u> / page

Exhibit B-1

SUB TEAM MEMBERS

Sub: Fehr & Peers _____

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal 4/5	Project oversight, report review, QC of deliverables	\$350
Principal 3	Project oversight, project management, report review, QC of technical analysis and deliverables	\$300
Principal 2	Project oversight, project management, report review/preparation, QC of technical analysis and deliverables	\$275
Principal 1	Project oversight, project management, report review/preparation, QC of technical analysis and deliverables	\$260
Sr. Associate 2	Project management, report preparation, QC of technical analysis and deliverables	\$250
Sr. Associate 1	Project management, report preparation, QC of technical analysis and deliverables	\$220
Associate 2	Project management, report preparation, analysis and deliverable preparation	\$210
Associate 1	Project management, report preparation, analysis and deliverable preparation	\$200
Sr. Engineer/ Planner 3	Project management, technical memorandum preparation, analysis and deliverable preparation	\$190
Sr. Engineer/ Planner 2	Project management, technical memorandum preparation, analysis and deliverable preparation	\$180
Sr. Engineer/ Planner 1	Project management, technical memorandum preparation, analysis and deliverable preparation	\$170
Engineer/ Planner 3	Project management, data collection, analysis and deliverable preparation	\$160
Engineer/ Planner 2	Data collection, analysis and deliverable preparation	\$150
Engineer/ Planner 1	Data collection, analysis and deliverable preparation	\$140
Intern	Data collection and analysis	\$105
Sr. Engineering Tech 5	Analysis, CAD/GIS, design preparation, design review	\$190
Sr. Engineering Tech 4	Analysis, CAD/GIS, design preparation, design review	\$185
Sr. Engineering Tech 3	Analysis, CAD/GIS, design preparation, design review	\$180
Sr. Engineering Tech 2	Analysis, CAD/GIS, design preparation, design review	\$175
Sr. Engineering Tech 1	Analysis, CAD/GIS, design preparation, design review	\$170
Engineering Tech 3	Analysis, CAD/GIS, design preparation	\$155

Exhibit B-1

Engineering Tech 2	Analysis, CAD/GIS, design preparation	\$145
Engineering Tech 1	Analysis, CAD/GIS, design preparation	\$135
Sr. Business Services Admin. 5	Subconsultant/vendor management, project setup, project accounting, graphics	\$170
Sr. Business Services Admin. 4	Subconsultant/vendor management, project setup, project accounting, graphics	\$165
Sr. Business Services Admin. 3	Subconsultant/vendor management, project setup, project accounting, graphics	\$155
Sr. Business Services Admin. 2	Subconsultant/vendor management, project setup, project accounting, graphics	\$145
Sr. Business Services Admin. 1	Subconsultant/vendor management, project setup, project accounting, graphics	\$135
Business Services Admin. 3	Project setup, project accounting	\$125
Business Services Admin. 2	Project setup, project accounting	\$120
Business Services Admin. 1	Project setup, project accounting	\$115

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: Average 3.69.

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Fehr & Peers _____

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ _____ / each
Copies (8 1/2 x 14")	\$ _____ / each
Red-line copies	\$ _____ / S.F.
Reproducibles	\$ _____ / page

Exhibit B-1

SUB TEAM MEMBERS

Sub: GBSM, Inc.

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Client Coordinator	Administrative and Project Support	\$85
Associate	Community Engagement Coordinator	\$190
Senior Associate	Community Engagement Lead	\$250
Director	Strategic Communications and Engagement Manager	\$315
Principal	Strategic Communications and Engagement Executive	\$350
President & CEO	Executive Counsel	\$385

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: GBSM, Inc.

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ _____ / each
Copies (8 1/2 x 14")	\$ _____ / each
Red-line copies	\$ _____ / S.F.
Reproducibles	\$ _____ / page

All GBSM Expenses will be passed through to the City at GBSM's actual cost, with no mark-up.

SUB-CONSULTANT TEAM MEMBERS**Exhibit B-1**Firm Name: GeocalList **ALL** potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager).

Title/Classification	Responsibilities	Rate/Hr.
Principal-In-Charge/Project Manager	Oversees contract execution and management, client interaction, overall quality management and document control, ensures systems and processes are in-place, commits resources, negotiates and signs agreements. Provides high-level expertise and oversees specific task orders that involve technical expertise in geotechnical engineering.	\$ 238.00
Senior Project Manager	Manages geotechnical engineering projects for budget and technical content, helps author reports with design recommendations, provides technical guidance for staff, and interacts with the client for clarifications or additions to the scope of work.	\$ 188.00
Construction Manager	Construction engineer that provides plan reviews, analysis and approval of drawings, design engineering review, resident engineer, reviews plans and documents prepared by others, reviews construction schedule and pay requests.	\$ 167.00
Project Engineer	Technical position to provide analyses and report preparation for pavements, structures, programming of lab tests, interpretation of results and providing recommendations to the client on design and construction issues related to geotechnical and materials engineering. Assists with cross-hole sonic logging, other sonic echo tests, PDA results, and other technical procedures to ensure quality. Registered PE to oversee construction inspection and materials testing.	\$ 130.00
Staff Engineer	Evaluates site characteristics, with respect to design and construction, identifies geohazards and mitigation procedures, assists with site subsurface investigations, laboratory analyses, engineering analyses, and report preparation.	\$ 120.00
Geologist	Conducts site subsurface investigations including staking borings, permitting, arranging drilling and traffic control subcontractors, logging borings, researching site geology, sampling soils, bedrock and groundwater, and assists with report preparation.	\$ 100.00
Operations Manager for Construction Services	Oversees construction quality services including inspections, materials testing, local agency documentation, checking resource allocation, calibration and field management.	\$ 135.00
Laboratory Manager	Oversees laboratory operations including AASHTO quality management, equipment calibration, training & records, and application of ASTM and AASHTO procedures for materials testing in the lab.	\$ 100.00
Construction Inspector	Provides onsite observations for traffic control, erosion control, material quantities, conformance with project design and specifications, and review of field test results, generally non-structural.	\$ 100.00
Senior Construction Inspector	Provides inspection of more complicated structures, batch plant inspections, pre-cast and post-tensioning inspections, masonry and grout placement, fire proofing, caisson and pile installations, mostly structural.	\$ 120.00
Materials Technician	Provides construction quality assurance testing, typically for soils, concrete, and asphalt, but could include masonry prisms, grout, mortar, or other construction materials. Works with the contractor to determine testing needs and schedule of activity.	\$ 80.00
Senior Materials Technician/Technician Supervisor	Provides review of quality assurance testing for soils, concrete, asphalt, and other materials, interfaces with client and aids in troubleshooting material issues, interprets test results for client. Schedules personnel, maintains resource allocation and assists with calibrations.	\$ 95.00

GEOCAL DOES NOT CHARGE FOR REIMBURSABLE EXPENSES.

Exhibit B-1

SUB-TEAM MEMBERS

Firm Name: H.C. Peck & Associates, Inc.

List **ALL** potential firm personnel titles/classifications that may be utilized under the Agreement, and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal	Overall project management; property analysis/cost estimates; acquisition of property rights; business and residential relocations	185
Sr. Project Manager	Day to day project management; acquisition, relocation	165
Project Manager	Day to day project management; acquisition; relocation	145
Sr. ROW Agent	Acquisition; relocation	135
ROW Agent III	Acquisition; relocation	120
ROW Agent II	Acquisition; acquisition support; relocation	108
ROW Agent I	Acquisition support; relocation	97
Admin/Support Staff	Acquisition and relocation support	80
Title Staff	Title research; title commitments	150

The City will not compensate the consultant for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub-Consultant: H.C. Peck & Associates, Inc.

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11") (Courthouse)	\$0.25/ each
Copies (8 1/2 x 14") (Courthouse)	\$0.25/ each
SKLD document copies	\$3.80/each
Red-line copies	\$ <u>N/A</u> / S.F.
Reproducibles	\$ <u>N/A</u> / page

Exhibit B-1

SUB TEAM MEMBERS

Sub: Hg Consult, Inc.

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/ Classification	Responsibilities	Rate/Hr.
Engineer VP	Responsible for a segment, discipline, business unit, geographic region, or project type. Typically has a bachelor's or master's degree, PE certification, and 12+ years of management-level experience.	\$305.04
Engineer Manager	Has on-site responsibility for day-to-day operations of a firm office or group. Responsibilities include divisional marketing, human resources (HR), and project production. Typically has a bachelor's or master's degree and 10+ years management experience. Requires a PE certification.	\$233.73
Engineer IV	PE with full responsibility for large, complex projects or a number of large projects. Has project management duties. Typically has a bachelor's or master's degree and 19+ years of experience. Requires a PE certification.	\$221.84
Engineer III	PE with major responsibility for technical performance on medium to large projects or multiple projects. Supervises other PEs and may have project management duties. Typically has a bachelor's or master's degree and 14-18 years of experience. Requires a PE certification.	\$176.25
Engineer II	PE with responsibility for technical performance on small to medium projects or designated tasks on large projects. May have some supervisory duties or work more independently. Typically has a bachelor's or master's degree and 9-13 years of experience. Requires a PE certification.	\$165.04
Engineer I	PE with responsibility for technical performance on small to medium projects or designated tasks on large projects. May have some supervisory duties or work more independently. Typically has a bachelor's or master's degree and 6-10 years of experience. Requires a PE certification.	\$153.82
Planning Manager	Has on-site responsibility for day-to-day operations of a firm office or group. Works independently and has supervisory responsibilities. Works on large/complex projects. Has bachelor's degree and certification with 10+ years of management-level experience.	\$276.72
Planner III	Works independently and/or has supervisory responsibilities. Works on planning aspects of large/complex projects. Has bachelor's degree and certification with 11+ years of experience.	\$208.72
Planner II	Develops scope and cost estimates, and manages budgets and schedules. Performs planning tasks and analyses. May lead small teams. May have a bachelor's degree or certification and 6-10 years of experience.	\$193.84
Planner I	Develops scope and cost estimates, and manages budgets and schedules. Performs planning tasks and analyses. May have a bachelor's degree or certification and 0-5 years of experience.	\$108.96
Civil Designer/CADD	Assists professionals in designing, planning, and execution of segments of projects. Uses BIM, MEP, CADD, and other design software. May have associate degree or advanced technical training with 10+ years of experience.	\$154.00
Finance/Controls Manager	Responsible for the organization's financial information and administration. Supervises accounting, budgeting, and payroll functions. May be a strategic/tactical manager. Reports to CFO. Typically has a bachelor's degree or higher with 7+ years of experience.	\$224.59
Controls Analyst	Analyzes past and present financial data of organization and estimates future revenues and expenditures, applying principles of finance. Aids organization with financial and control functions, such as assessing, auditing, planning, budgeting, cost control, and project control. Typically has an associate or bachelor's degree with 1+ years of experience.	\$179.14

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Hg Consult, Inc.

Category: #1 General Civil/Roadway

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

Item

Copies (8 1/2 x 11")

Copies (8 1/2 x 14")

Red-line copies

Reproducibles

Charge Rate

\$ _____ / each

\$ _____ / each

\$ _____ / S.F.

\$ _____ / page

Exhibit B-1

SUB TEAM MEMBERS

Sub: KDG Engineering LLC

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Managing Principal/Sr Bridge Engineer PE	Bridge team management and bridge design and inspection leader; office manager	\$177.00
Bridge Engineer PE I, Associate Principal	Bridge design, inspection, project management,	\$162.00
Bridge Engineer EIT I	Bridge design, CAD, bridge inspection.	\$116.00
Engineering Intern	Bridge and Civil Engineering CAD and Technician work	\$90.00

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: KDG Engineering LLC

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ _____ / each
Copies (8 1/2 x 14")	\$ _____ / each
Red-line copies	\$ _____ / S.F.
Reproducibles	\$ _____ / page

Exhibit B-1

SUB TEAM MEMBERS

Sub: Martinez Associates, Inc.

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal Professional	Principal-in-charge, project management, senior technical review	\$248.00
Senior Professional	Project management, technical review, project supervision	\$175.00
Staff Professional	Field investigation, engineering analysis, report preparation	\$116.00
Certified Eng. Tech.	Field and laboratory testing, inspection and observation	\$88.00
Engineering Tech.	Field and laboratory testing and observation	\$83.00
Laboratory Manager	Supervision and performance of laboratory testing	\$121.00
Clerical	Preparation of reports, invoicing and scheduling	\$48.00
	Unit rates for laboratory tests are attached	

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Martinez Associates, Inc.

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ ___ - ___ / each
Copies (8 1/2 x 14")	\$ ___ - ___ / each
Red-line copies	\$ ___ - ___ / S.F.
Reproducibles	\$ ___ - ___ / page

SOIL AND AGGREGATE TESTS

Standard Proctor, ASTM D698	\$143.00
Modified Proctor, ASTM D1557	\$160.00
Particle Size Analysis, ASTM D42252.00	
• Fine Sieve (from +#200 to #4).....	\$102.00
• Coarse Sieve (from +#200 to 3")...	\$127.00
• Coarse Sieve (retained on #4).....	\$109.00
• Hydrometer.....	\$121.00
Percent Passing #200 Sieve, ASTM D1140...	\$79.00
Atterberg Limits, ASTM D4318	
• Three points	\$103.00
• One point	\$83.00
Moisture Content	
• Moisture Content & Dry (Bulk) Density, ASTM D2216 and D2937	\$24.00
• Moisture Content, ASTM D2216	\$20.00
Water Soluble Sulfate... ..	\$66.00
Organic Content, ASTM D2974	105.00
Unconfined Compression, ASTM 2166	\$105.00
Unconfined Compression (remolded).....	\$132.00
Swell/Settlement	\$105.00
Swell/Settlement, Remolded	\$132.00
Specific Gravity and Absorption	
• Coarse Aggregate, ASTM C127	\$73.00
• Fine Aggregate, ASTM C128.....	\$70.00
Unit Weight of Aggregate, ASTM C29.....	\$70.00

CONCRETE TESTS

Compression Test, ASTM C39	
• Compression	\$24.00
• Flexure Test Beams	\$77.00
Light Weight Concrete, ASTM C39	
• Compression	\$24.00
Specimen Preparation, Trimming or Coring ..	\$70.00
Core Compression Test, ASTM C12.....	\$73.00
Generator and Coring Machine, per day	\$330.00

MASONRY TESTS

Moisture Content, as received.....	\$42.00
Absorption	\$85.00
Compression	\$24.00
Net Area and Volume.....	\$42.00
Trimming.....	\$91.00
Compression Test	
• UngROUTED prisms	\$138.00
• Grouted prisms	\$149.00
• 2" x 4" Mortar Cylinder.....	\$24.00
• 3" x 6" Grout Prisms.....	\$72.00
• 2" Cubes, ASTM C109	\$24.00

MOISTURE EMISSION TEST

Vapor Emission Test Kit	\$48.00
RH Test Probe	\$194.00

ASPHALTIC CONCRETE

Asphalt Content with Gradation.....	\$297.00
AC Ignition Oven Mix Calibration	\$545.00
Max. Specific Gravity of Mix, (Rice Method)	\$182.00
Unit Weight of Core or Compacted Sample ..	\$66.00
Generator and Coring Machine	\$330.00

VIBRATION MONITORING

Vibration Monitoring Equipment	By Proposal
Calibration/Project.....	\$605.00

Outside Services, at cost plus 15 percent

Conditions: Unit rates presented on this fee schedule are for routinely performed geotechnical laboratory and construction material tests. Numerous other earth material and construction material physical tests can be performed in our laboratory, including rock core, soil cement and soil lime mixture tests. Tests not listed can be quoted upon request. Prices assume that samples are uncontaminated. Test results requiring plots will be presented in a publishable format generated from computer programs. Otherwise, raw test numbers will be presented. Geotechnical testing does not include engineering and/or geologic review and analysis. All fees presented in this schedule assume that the client will deliver samples to our laboratory at no additional cost to Martinez Associates.

Any laboratory testing requiring expedited completion will be billed on an hourly basis, based on the hourly rates herein.

Firm Name: San Engineering, LLC
Exhibit B-1

Title/Classification	Responsibilities	Rate/Hr.
Principal Engineer	Design / Management	\$175.00
Structural Group Manager	Design / Management	\$175.00
Sr. Project Engineer	Design / Coordination	\$155.00
Project Engineer	Design / Production	\$145.00
Sr. CAD/BIM Drafter	Drafting / Design / Production	\$140.00
Drafter	Drafting	\$125.00

Exhibit B-1

SUB TEAM MEMBERS

Sub: SE3, LLC

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Principal	Responsible for overall project scheduling and quality control	\$255.00
Project Manager	Oversees all project tasks. Oversees all administration, correspondence, billing and assists with final deliverables. Reviews all opinions of probable construction cost and specifications.	\$230.00
Senior Engineer	Oversees all project specific tasks and provides review of all deliverables. Develops all opinions of probable construction cost and specifications. Assists with specific tasks as needed.	\$195.00
Engineer	Finalizes all project plan sheets and quantities. Assists with all project plan sheets as needed.	\$157.00
Junior Engineer	Prepares all project plan sheets and quantities	\$110.00
Drafting Technician	Initializes and sets up all project sheets. Details all notes and call offs on plan sheets as directed by Engineer/Junior Engineer	\$120.00
Structural Engineer	Oversees all structural plans, details, specifications and quantities	\$170.00
Clerical Assistant	Provides all project related documentation as needed	\$90.00

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: SE3, LLC

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>0.25</u> / each
Copies (8 1/2 x 14")	\$ <u>0.35</u> / each
Red-line copies	\$ <u>\$1.00</u> / S.F.
Reproducibles	\$ <u>\$6.00</u> / page

Exhibit B-1

Junior Vac Technician	Performs test hole and locating activities, operates associated equipment	\$ 90.00
Senior Utility Coordinator	Performs utility coordination tasks	\$ 182.00
Utility Coordinator	Performs utility coordination tasks	\$ 165.00
Administrative	Performs administrative tasks	\$ 98.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.1

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at the actual cost if approved in advance by the Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: SurvWest, LLC

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$0.25/each
Copies (8 1/2 x 14")	\$0.25 each
Red-line copies	\$0.85/S.F.
Reproductions	\$0.25/page

Outside services and expenses to be billed at actual cost may include, but not limited to:

- Subconsultants
- Traffic Control Subcontractor
- Permit Fees
- Waste Disposal Fees
- Field Supplies

All reimbursable expenses are subject to the review and approval of the City. The additional expenses of the Consultant reimbursable by the City shall include:

- 1) Mileage: Reimbursable at the current IRS Business Rate ONLY when Consultant is required to drive to a project located outside the City and County of Denver Boundary.
- 2) Actual cost of reproducing and printing reports, drawings, specifications and other work products, and the associated cost for shipping and handling. These reimbursable expenses pertain only to requests made to the Consultant from the City, and exclude intra-office printing, scanning and reproduction required by the Consultant to complete the work.
- 3) Actual cost for expendable supplies and services not normally used on a routine or normal basis in an architectural or engineering office (i.e. aerial photography) and which are provided especially under this Agreement for the benefit of the City.

Exhibit B-1

SUB TEAM MEMBERS

Sub: Ulteig Engineers Inc.

List **ALL** potential personnel titles/classifications that may be utilized under the contract and their respective hourly rate. Do not list names of personnel, only titles (i.e. Project Manager). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Senior Engineer	General/Civil Roadway Design	\$212/hr
Senior Planner	Aesthetics, connectivity, resiliency, ADA, streetscape, public involvement	\$204/hr
Project Manager	Project management, QA/QC, contract requirements	\$200/hr
Design Engineer	General/Civil Roadway Design	\$134/hr
Graduate Engineer	General/Civil Roadway Design	\$124/hr
Engineer	General/Civil Roadway Design	\$160/hr
Lead Engineer	General/Civil Roadway Design	\$184/hr
Project Coordinator	Project management support	\$112/hr
Senior Designer	General/Civil Roadway Drafting Support	\$160/hr
Lead Designer	General/Civil Roadway Drafting Support	\$148/hr
Designer	General/Civil Roadway Drafting Support	\$136/hr
CADD Tech II	General/Civil Roadway Drafting Support	\$108/hr
CADD Tech I	General/Civil Roadway Drafting Support	\$100/hr

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs. Reproductions, if requested by the City, shall be reimbursed at actual cost if approved in advance by the

Exhibit B-1

Project Manager. Reproductions requested by the City such as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Ulteig Engineers, Inc.

The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>0.20</u> / sheet
Copies (8 1/2 x 14")	\$ <u>0.35</u> / sheet
Red-line copies	\$ <u>0.20</u> / sheet
Reproducibles	\$ <u>0.20</u> / sheet