

## SECOND AMENDATORY AGREEMENT

THIS SECOND AMENDATORY AGREEMENT is made and entered into by and between the CITY AND COUNTY OF DENVER, a municipal corporation of the State of Colorado (the “City”) and ICON ENGINEERING, INC., a Colorado corporation whose address is 7000 South Yosemite, Suite 120, Centennial, Colorado 80112 (the “Consultant”), jointly the “Parties.”

### RECITALS:

**A.** The Parties entered into an On-Call Engineering Services Agreement dated August 3, 2016 to provide on-call professional engineering services and related technical services to support the City’s Department of Transportation & Infrastructure Wastewater Management Division (the “Original Agreement”); and

**B.** The Parties subsequently amended the Original Agreement in accordance with that Amendatory Agreement dated January 16, 2019 (the “First Amendment”); and

**C.** Collectively, the Original Agreement and the First Amendment shall be referred to herein as the “Agreement;”

**D.** Rather than enter into a new contract, the Parties desire to amend the Agreement to update the Line of Authority and contract information of the Parties, extend the term of the Agreement until September 11, 2021, replace the original **Exhibit B** that was attached to the Agreement with the attached **Exhibit B-1**, and add compensation in the amount of TWO MILLION DOLLARS (\$2,000,000.00) to the Agreement for the purpose of business continuity.

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

1. Section 1.02 of the Agreement entitled “**LINE OF AUTHORITY FOR CONTRACT ADMINISTRATION**” is hereby amended to read as follows:

“1.02 Line of Authority for Contract Administration. The City’s Executive Director of the Department of Transportation & Infrastructure (“Manager”) is the City’s representative responsible for authorizing and approving the work performed under this Agreement. The Manager hereby designates the City Engineer as the Manager’s authorized representative for the purpose of issuing a written Notice to Proceed and administering, coordinating and initially approving the services performed by the Consultant under this Agreement. The Project Manager, who reports to the City Engineer, shall be responsible for the day-to-day administration, coordination and approval of services performed by the Consultant, except for approvals that are

specifically identified in this Agreement as requiring the Manager's approval. The Manager expressly reserves the right to designate another authorized representative to perform on the Manager's behalf by written notice to the Consultant."

2. Section 3 entitled "**COMPENSATION, PAYMENT, AND FUNDING**" is amended to read as follows:

**"3.06 Maximum Contract Amount; Funding.**

(a) It is understood and agreed by the parties hereto that payment or reimbursement of all kinds to the Consultant, for all Work performed under this Agreement, shall not exceed a maximum of **SIX MILLION DOLLARS AND NO CENTS (\$6,000,000.00)**. In no event shall the maximum payment to the Consultant, for all work and services performed throughout the entire term of this Agreement exceed the contract maximum amount set forth above."

3. **Exhibit B** of the Agreement shall be replaced in its entirety by **Exhibit B-1**, which is attached hereto and incorporated herein by reference. The new rates detailed in **Exhibit B-1** shall be effective at the time of execution of this Second Amendatory Agreement and shall only apply to new task orders issued after execution of this Second Amendatory Agreement.

4. Section 4 of the Agreement entitled "**TERM AND TERMINATION**" is amended to read as follows:

"4.01 Term: The term of this Agreement shall commence on September 12, 2016, and shall expire on September 11, 2021, 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 Manager. All terms and conditions of the Agreement shall remain in full force and effect until such completion."

5. Section 5 of the Agreement entitled "**GENERAL PROVISIONS**" is amended to read as follows:

"5.25 Notices: When this Agreement requires notice to the City or the Consultant it shall be sent by certified mail, return receipt requested, to the addresses listed below:

To the City: Executive Director of the Department of  
Transportation & Infrastructure  
201 West Colfax Avenue, Department 608

Denver, Colorado 80202

With a copy to: Assistant City Attorney  
201 West Colfax Avenue, Department 1207  
Denver, Colorado 80202

To the Consultant: ICON Engineering, Inc.  
7000 South Yosemite, Suite 120  
Centennial, Colorado 80112”

6. Except as herein amended, the Agreement continues in effect, and is affirmed and ratified in each and every particular.

7. This Second 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.

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**[SIGNATURE PAGES TO FOLLOW]**

**Contract Control Number:** DOTI-202054163-[201627892-02]  
**Contractor Name:** ICON ENGINEERING, INC.

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-202054163-[201627892-02]  
ICON ENGINEERING, INC.

By:  DocuSigned by:  
*Aaron Bousselet*  
449AC950E8F04BF...

Name: Aaron Bousselet  
(please print)

Title: Principal  
(please print)

ATTEST: [if required]

By: \_\_\_\_\_

Name: \_\_\_\_\_  
(please print)

Title: \_\_\_\_\_  
(please print)

## ICON Engineering Inc

### Consultant Team Members

#### Hourly Rate Schedule

Title / Classification	Responsibilities	Rate/Hr.
Principal Engineer III	Management/Design	\$190
Principal Engineer II	Management/Design	\$180
Principal Engineer I	Management/Design	\$170
Professional Engineer V	Design/Project Management	\$174
Professional Engineer IV	Design/Project Management	\$166
Professional Engineer III	Design/Project Management	\$158
Professional Engineer II	Design/Project Management	\$147
Professional Engineer I	Design/Project Management	\$136
Engineer V	Design	\$134
Engineer IV	Design	\$128
Engineer III	Design	\$122
Engineer II	Design/CAD	\$106
Engineer I	Design/CAD	\$93
Senior Field Representative	Const. Management/ Observation	\$125
Field Representative	Construction Observation	\$106
Marketing Director	Presentations/OutReach	\$105
Marketing Manager	Presentations/OutReach	\$90
Designer / Web Services	GIS Web-Mapping / Programming	\$101
GIS Programer	GIS Web-Mapping / Programming	\$122
GIS Specialist II	GIS Design	\$106
GIS Specialist I	GIS Design	\$98
GIS Technician	GIS Cartography	\$92
CAD Technician III	Drafting/Design	\$106
CAD Technician II	Drafting	\$98
CAD Technician I	Drafting	\$92
Administrative II	Word Processing/Record Keeping	\$68
Administrative I	Word Processing/Record Keeping	\$65

**Average Multiplier      2.96**

**105 WEST, INC**  
**Sub-Consultant Team Members**  
**Hourly Rate Schedule**

<b>Title / Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Director of Survey/Mapping	Manage Projects, Survey & ROW work	\$125
Project Surveyor	Manage Projects, field operations & surveying	\$100
Survey Technician	Surveying	\$80
Survey Crew (2-Man)	Field work & coordination	\$135
Survey Crew (1-Man)	Field work & coordination	\$115
Survey Crew (3-Man)	Field work & coordination	\$205
Administrative	Administrative duties	\$55
Party Chief	Field work & coordination	\$80
Instrument Operator	Assists Party Chief	\$55

**Average Multiplier      2.70**

**SUB-CONSULTANT TEAM MEMBERS**Firm Name: AZTEC Engineering, Group

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.
SUE Lead Colorado	Projects/Group Oversight	\$180.00
Project Manager 2	Field manager, project manager, reports	\$165.00
Project Manager 1	Field coordination, task coordination	\$99.11
Engineer Locates 2	Field utility supervisor, designator	\$160.00
Engineer Locates 1	Field utility designator	\$125.00
SUE Professional Eng. 2	Senior Engineer Quality Control	\$242.00
SUE Professional Eng. 1	Responsible Engineer of Record	\$200.00
CADD Designer 2	Creates CAD files/work	\$120.00
CADD Designer 1	Junior CAD Drafter	\$82.42
Potholes 1-10	Unit Cost	\$660.00
Potholes 11-30	Unit Cost	\$632.00
Potholes 31+	Unit Cost	\$600.00
Traffic Control	Lump Sum	Cost + 10%
Slurry Backfill	Lump Sum	Cost
Permits	Lump Sum	Cost
Survey	Lump Sum	Cost
Hot Asphalt restoration	Lump Sum	Cost

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3x.

The City will not compensate the Consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction and travel 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 reproducibles, 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.



# BRIERLEY ASSOCIATES

## Sub-Consultant Team Members

### Hourly Rate Schedule

Title / Classification	Responsibilities	Rate/Hr.
Principal/Senior Consultant II	Senior Reviewer	\$255
Senior Associates/Senior Consultant I	Senior Reviewer	\$230
Associate/Senior Project Manager	Project Manager & review	\$195
Senior Professional II	Cost Estimator	\$175
Senior Professional I	Project Engineer	\$155
Professional I	Project Engineer	\$130
Staff Professional II	Field investigation & data analysis	\$120
Staff Professional I	Field investigation & data analysis	\$110
Administrative	Administrative duties	\$75

**Average Multiplier      3.40**

# BTRENCHLESS

## Sub-Consultant Team Members

### Hourly Rate Schedule

Title / Classification	Responsibilities	Rate/Hr.
Project Manager / VP of Potholing	Project Management	\$103.50
Project Controls	Project Environmental Compliance, permitting, cost control & Project Management	\$80.50
Supervisor	Scheduling & Safety Manager	\$86.25
Operator	Operating Vacuum Excavation Trucks	\$69.00
Laborer	Assist in the Vacuum Excavation Process	\$57.50

**Average Multiplier      1.57**

## SUB-CONSULTANT TEAM MEMBERS

Firm Name: Corey Electrical Engineering, 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.

[illegible]

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

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## SUB-CONSULTANT TEAM MEMBERS

Firm Name: Daley Land Surveying

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.

[illegible]

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

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**SUB-CONSULTANT TEAM MEMBERS**Firm Name: DHM Design Corporation

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 Landscape Architect/Planner	Lead Landscape Designer, Public Participation and Facilitation	175.00
Principal Ecologist	Ecological Restoration, Ecological Planning	175.00
Associate Principal	Landscape Designer, Public Participation and Facilitation	130.00
Senior Associate	Landscape Designer	115.00
Associate	Landscape Designer	105.00
Senior Designer/Planner	Landscape Designer	95.00
Designer	Landscape Designer	90.00
Natural Resources/GPS Technician	Ecological Restoration, Ecological Planning	95.00
Graphic Designer	Graphic Design	90.00
Clerical/Word Processing	Administration	65.00

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

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# ERO RESOURCES, INC

## Sub-Consultant Team Members

### Hourly Rate Schedule

Title / Classification	Responsibilities	Rate/Hr.
Sr. Project Biologist	Resources, wetlands, biology, ecology	\$142
Biologist I	Investigations, studies, BAs, BEs, & reports	\$121
Biologist II	Investigations, studies, BAs, & BEs	\$100
Staff Biologist	Field sampling, data collection & research	\$82
Sr. Geoscientist	Hazardous waste investigations, Project management	
Geoscientist I	Design, implement, site assesment, & progress	\$121
Geoscientist II	Site progress, design, & reports	\$100
Staff Geoscientist	Subsurface investigations & ESAs	\$82

**Average Multiplier      2.45**

## GEOCAL FEE BREAKDOWN

Title/Classification	Responsibilities	Rate/Hr.
Principal-In-Charge/Project Manager	Oversees contract execution and management, client interaction, overall quality management and document control, insures that systems and processes are in-place, commits resources, negotiates and signs agreements. Provides high level expertise and oversee specific task orders that involve technical expertise in geotechnical engineering	<b>\$210</b>
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.	<b>\$180</b>
Construction Manager	Construction Engineer provides plan reviews, analysis and approval of drawings, design engineering review, resident engineer, reviews plans and documents prepared by others, reviews construction schedule, pay requests.	<b>\$160</b>
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.	<b>\$120</b>
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.	<b>\$90</b>
Geologist	Conducts site subsurface investigations including stake borings, permitting, arranging for drilling and traffic control subcontractor, logs borings, research of site geology, sampling the soils, bedrock, and groundwater, and assist with report preparation	<b>\$85</b>
Operations Manager for Construction Services	Over sees construction quality services including inspections, materials testing, documentation including (local agency), checking resource allocation, calibration and field management	<b>\$130</b>
Laboratory Manager	Oversees the laboratory operations including AASHTO quality management, equipment calibration, training & records, and application of ASTM and AASHTO procedures for materials testing in the lab.	<b>\$95</b>
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	<b>\$85</b>
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	<b>\$100</b>
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.	<b>\$75</b>
Senor Materials Technician / Technician Supervisor	Provides review of quality assurance testing for soils, concrete and asphalt, and other materials, interfaces with client and aids in trouble shooting materials issues, interprets test results for client. Schedules personnel, maintains resource allocation and assists with calibrations.	<b>\$85</b>

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.7751

### SUB-CONSULTANT TEAM MEMBERS

Firm Name: Goodbee & 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.

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
President	Directs all aspects of the firm's operations	\$185
Principal	Directs all aspects of the firm's operations	\$185
Project Manager III	Leads and reviews technical work	\$150
Project Manager II	Leads and reviews technical work	\$135
Project Manager I	Leads and reviews technical work	\$125
Landscape Architect (Principal)	Leads and reviews technical work	\$175
Landscape Architect III	Leads and reviews technical work	\$150
Landscape Architect II	Leads and reviews technical work	\$130
Landscape Architect I	Leads and reviews technical work	\$110
Designer III	Completes technical work under direction of a PM/LA	\$115
Designer II	Completes technical work under direction of a PM/LA	\$110
Designer I	Completes technical work under direction of a PM/LA	\$100
CAD II	Completes technical work under direction of a PM/LA	\$100
CAD I	Completes technical work under direction of a PM/LA	\$80
Administrator	Bookkeeping and general administration	\$110
Administrative Assistant	General administration	\$80

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

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**HATCH MOTT MACDONALD****Sub-Consultant Team Members****Hourly Rate Schedule**

<b>Title / Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Vice President	Management	\$290
Senior Project Manager V/Senior (Discipline) Engineer V	Management/Design	\$235
Senior Project Manager III/Senior (Discipline) Engineer III	Management/Design	\$220
Senior Project Manager II/Senior (Discipline) Engineer II	Management/Design	\$215
Project Manager V/(Discipline) Project Engineer V	Project Management/Design	\$195
Project Manager IV/(Discipline) Project Engineer IV	Project Management/Design	\$185
Project Manager II/(Discipline) Project Engineer II	Project Management/Design	\$175
Discipline Engineer V	Design	\$155
Discipline Engineer IV	Design	\$150
Discipline Engineer III	Design	\$145
Discipline Engineer II	Design	\$135
Engineer V	Design	\$115
Engineer IV	Design	\$110
Engineer III	Design	\$100
Engineer II	Design	\$95
Senior Designer I (CAD)	CAD/Design	\$150
Designer V (CAD)	CAD/Design	\$140
Designer II (CAD)	CAD/Design	\$115
Designer I (CAD)	CAD/Design	\$110
Senior Construction Observer II	Construction Management/Observation	\$130
Senior Construction Observer I	Construction Management/Observation	\$115
Construction Observer I	Construction Management/Observation	\$95
Senior Administrative Assistant III	Records/Files/Word Processor	\$100
Senior Administrative Assistant II	Records/Files/Word Processor	\$95
Administrative Assistant III	Records/Files/Word Processor	\$60

**Average Multiplier 3.20****HC PECK ASSOCIATES, INC****Sub-Consultant Team Members****Hourly Rate Schedule**

<b>Title / Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Principal	Property management, acquisition of property rights	\$140
Sr. Project Manager	Project management, acquisition	\$120
Project Manager	Project management, acquisition	\$110
Sr. ROW Agent	Acquisition	\$100
ROW Agent III	Acquisition	\$90
ROW Agent II	Acquisition support	\$80
ROW Agent I	Acquisition support	\$70
Support Staff	Acquisition support	\$60
Title Staff	Title work & curative, closings	\$111

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**Average Multiplier 3.00**



**KIMLEY-HORN**  
**Sub-Consultant Team Members**  
**Hourly Rate Schedule**

Title / Classification	Responsibilities	Rate/Hr.
Project Director	Quality Control, resource & schedules	\$200
Principal	Quality Control, resource & schedules	\$245
Senior Engineer	Project coordination & design	\$150
Senior Project Manager	Project coordination & design	\$200
Engineer	Project coordination & QA/QC	\$125
Project Manager	Project coordination QA/QC	\$175
Designer	Design	\$100
Senior Designer	Design	\$155
Analyst	Design Development	\$95
Senior Analyst	Design Development	\$130
CAD Operator	CAD Drawings	\$80
Clerical	Clerical & word processing	\$75
Administrative	Clerical & word processing	\$95

**Average Multiplier      3.15**

**KUMAR AND ASSOCIATES, INC**  
**Sub-Consultant Team Members**  
**Hourly Rate Schedule**

Title / Classification	Responsibilities	Rate/Hr.
Principal	Project oversight & contracts	\$175
Principal in Charge/Senior Project Manager	Project oversight, Geotechnical Report review, Value engineering, meetings & budget management	\$165
Project Manager/Geotechnical	Geotechnical subsurface investigation & report review	\$130
Project Engineer/Geotechnical	Geotechnical reports, study/investigations, drilling	\$100
Staff Engineer/Geotechnical	Field & laboratory data	\$80
Field Engineer	Supervises drilling activities	\$60
Exploration Manager	Drilling schedule & procedures	\$65
Managing Scientist	Project management & report review	\$105
Project Scientist	Phase I ESAs, asbestos inspections, field work & reports	\$90
Staff II Scientist	Phase I & Phase II ESAs, asbestos inspections, field work & reports	\$75
Staff I Scientist	Asbestos Inspection, Phase I ESAs, field work & air monitoring	\$65
Word Processing/Clerical	Reports, filing/record keeping & data entry	\$50
CADD Drafting	Drawings/schematics & IT support	\$75

**Average Multiplier      2.89**

**SUB-CONSULTANT TEAM MEMBERS**Firm Name: Lithos Engineering

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.
Senior Consultant		\$260
President		\$215
Vice President		\$190
Senior Professional II		\$185
Senior Professional I		\$170
Professional II		\$155
Professional I		\$135
Staff Professional III		\$120
Staff Professional II		\$110
Staff Professional I		\$95
Administrative		\$70

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

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**SUB-CONSULTANT TEAM MEMBERS**Firm Name: NHN Consulting LLC

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.
Owner	Public Involvement; Public Relations, Government Relations.	\$135/hr
Public Engagement Support III	Public involvement, public relations, and government relations support.	\$120/hr
Public Engagement Support II	Public involvement; Spanish language communication and outreach support.	\$105/hr
Logistics and administrative support. Spanish language activities support.	Spanish language interpretation and general support during public activities. Logistics and administrative support.	\$75/hr

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 1.24.

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**SUB-CONSULTANT TEAM MEMBERS**Firm Name: Ninyo & Moore Geotechnical & Environmental Sciences Consultants

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 Engineer/Geologist/Scientist		\$180
Senior Engineer/Geologist/Scientist		\$150
Senior Project Engineer/Geologist/Scientist		\$140
Project Engineer/Geologist/Scientist		\$130
Senior Staff Engineer/Geologist/Scientist		\$115
Staff Engineer/Geologist/Scientist		\$110
GIS Analyst		\$85
Technical Illustrator/CAD Operator		\$55
Certified Asbestos/Lead Technician		\$140
Special Inspector		\$120
Nondestructive Examination Technician		\$120
Field Operations Manager		\$90
Supervisory Technican		\$75
Senior Technician		\$65
Technician		\$60
Geo/Env/Lab Assistant		\$45
Information Specialist		\$45
Data Specialist		\$45

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.37.

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**OZ ARCHITECTURE**  
**Sub-Consultant Team Members**  
**Hourly Rate Schedule**

<b>Title / Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Principal	Leadership, review & coordination	\$215
Design Principal	Design	\$200
Project Manager	Leadership, production & coordination	\$160
Architect	Design, coordination & construction docs	\$140
Architectural Intern	Drafting	\$80
Interior Design	Layout & design	\$100
LEED Administration	LEED, design & strategies	\$100
BIM	Building information modeling	\$130
Administrative	Administrative tasks	\$60

**Average Multiplier      2.70**

**SUB-CONSULTANT TEAM MEMBERS**Firm Name: Pinyon Environmental, 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).

Title/Classification	Responsibilities	Rate/Hr.
Expert Witness	Expert witness preparation and deposition	\$250
Principal Engineer/Scientist	Responsible for providing strategic direction, vision, and leadership. Performs senior-level QA/QC and conducts meetings and negotiations with regulatory and oversight agencies.	\$220
Senior Engineer/Scientist	Responsible for technical completeness and competency of all submissions and work performed, including performance of junior- and mid-level planners and scientists. Conduct and supervise professional and technical staff to complete studies focused on engineering, planning, NEPA evaluations, air quality, noise, biology, geology, chemistry and environmental science.	\$201
Senior Project Manager	Project management, including coordination of multi-disciplinary teams, preparing responses to agency questions, and facilitates project meetings with client and regulators. Develops project requirements, site investigations, facility requirements development, budget and programming support, analyses and project execution.	\$179
Project Manager	Directs the gathering of data and prepares complex reporting and analysis. Oversight of technical products and development of detailed studies related to NEPA, air quality, noise, environmental justice, biology, geology, chemistry and environmental science.	\$153
Project Specialist	Reports to Regulatory and Oversight Agencies, Preparation of Permits, GIS Library Development and Data Analysis, Technical Review of Documents	\$ 127
Project Engineer/Scientist	Phase I ESA Site Visits/Reporting, Interpretation of Data, Collection of Non-Field Data, Development of Logs and Maps, Pilot Testing, Biological and Wetland Field Mapping, Preparation of Reports to Clients, GIS Data Collection/Processing/Presentation, Asbestos Designer/Air Monitoring Specialist/Project Manager, Technical Review of Documents	\$110
Staff II Engineer/Scientist	Soil Logging, Monitoring Well Installation Oversight, Water-Level Surveying, Slug Tests, Field Oversight, Lead Driller, Miscellaneous Field Services, Asbestos Building Inspector	\$94
Staff I Technician	Groundwater Sampling, Sampling During UST Removals, Surveyor's Assistant	\$76
Drafting (Graphics)	AutoCAD, floor plans, elevations, sections, scale drawings, layering and concept design for architects and engineers. Duties may include configuring and maintaining CADD libraries, engineering documentation management systems and CADD computer network systems.	\$98
Project Assistant	Maintain Field Equipment, Data Management	\$86
Word Processing, Clerical	Word Processing, Clerical	\$67

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.01

**REIMBURSABLE EXPENSES**FIRM: Pinyon Environmental, Inc.

<b>EXPENSE OR SERVICE</b>	<b>RATE</b>	<b>BILLING RATE</b>
Dual Interface Probe	day	\$70.00
Groundwater level indicator	day	\$30.00
Photoionization Detector / FID or similar	day	\$75.00
Automated Samplers, Monitors, and Data Loggers	day	\$100
PID / FID / multi gas meter (or similar)	day	\$75.00
Groundwater sampling kit	day	\$201.00
Soil Sampling kit	day	\$315.00
Field Visits (General Projects [e.g., Phase I ESA])	Day	\$50.00
Field Visits (Wetland/Biology)	Day	\$50.00
Soil Logging (During Drilling)	Boring	\$105.00
Monitoring Well Development	Well	\$55.00
Monitoring Well Sampling	Well	\$67.00
Asbestos Sampling Kit (Building Inspections)	Day	\$45.00
Asbestos Air Monitoring Kit	Day	\$110.00
<b>Pass Through Rate – Subcontractor Costs and Management</b>		
All Subcontracted Services	Cost	Cost
Field Sampling and Investigation Supplies and Materials as preapproved by City and County of Denver Project Manager	Cost	Cost
Remediation Supplies and Materials as preapproved by City and County of Denver Project Manager	Cost	Cost
Bonding Rate	2.2%	

**SUB-CONSULTANT TEAM MEMBERS**Firm Name: San Engineering, LLC

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). Consultant may copy this page or modify it to conform to the services being offered.

Title/Classification	Responsibilities	Rate/Hr.
Civil Engineering Manager	Design/Management	\$150.00
Structural Engineering Manager	Design/Management	\$150.00
Senior Project Engineer	Design	\$130.00
Staff Engineer	Design/Production	\$120.00
Sr. CAD Drafter	Drafting/Design	\$115.00
Drafter	Drafting	\$105.00
Professional Land Surveyor	Survey Management and Review	\$140.00
Survey Technician	Survey Drafting and Field Work	\$105.00
1-Man Survey Crew	Survey Field Work (Including Equipment)	\$150.00
2-Man Survey Crew	Survey Field Work (Including Equipment)	\$195.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.53



**SDG, INC**  
**Sub-Consultant Team Members**  
**Hourly Rate Schedule**

<b>Title / Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Principal Engineer	Quality Control Review & Planning Assistance	\$195
Associate Principal Engineer	Strutural Planning & Project Management	\$195
Senior Project Engineer	Strutural Planning & Project Coordination	\$182
Project Engineer	Structural Design & Project Organization	\$156
Senior Design Engineer	Structural Design, Detailing & Review	\$142
Design Engineer II	Structural Analysis, Design & Detailing	\$136
Design Engineer I	Structural Analysis, Design & Detailing	\$124
Senior CAD Drafter/Modeler	AutoCAD & Revit Drafting & Modeling	\$99
CAD Drafter	AutoCAD Drafting	\$89
Technician	Technical Project Assistance	\$85
Administrative Assistant	Project Reports, Filing & Submittal Logging	\$79

**Average Multiplier      3.22**

**SUB-CONSULTANT TEAM MEMBERS**Firm Name: Stolfus & 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	Directs all aspects of firm's operations	\$190
Professional Engineer 5	P.E. Licensed Project Engineer/Manager with over 20 years of experience with major responsibility for technical performance and project management depending on specific assignments.	\$170
Professional Engineer 3	P.E. Licensed Project Engineer/Manager with over 10 years of experience with responsibility for technical performance and project management depending on specific assignments.	\$150
Professional Engineer 2	P.E. Licensed Project Engineer with over 7 years of experience with responsibility for technical performance on projects.	\$140
Professional Engineer 1	P.E. Licensed Project Engineer with over 5 years of experience working under general supervision.	\$120
Engineer-in-Training	Entry-level engineer performing engineering assignments under the guidance of experienced engineers.	\$100
Engineering Student Intern	Project assignments under direction of engineering professionals.	\$60
Office Manager	Responsible for administrative aspect of support work.	\$70
Administrative Assistant	Performs routine clerical/office support work.	\$60

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.6.

The City will not compensate the Consultant for expenses such as postage, mileage, parking, or telephone costs. Reproduction and travel 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 reproducibles, 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.

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## Sub-Consultant Team Members

### Hourly Rate Schedule

Title / Classification	Responsibilities	Rate/Hr.
Principal	Design, Quality Review, Client Management, Contract Management	\$165
Sr. Project Manager	Design, Construction Documents, Construction Observation, Review, & Project Management	\$125
Sr. Landscape Architect	Design, Construction Documents, Construction Observation, & Review	\$125
Landscape Designer I	Conceptual/Schematic/Design Development, Acad Support	\$95
Landscape Designer II	Conceptual/Schematic/Design Development, Acad Support	\$85
Graphic Designer	Graphic Design	\$77
Intern	Design Support, ACad, Document Production, Admin Support	\$65
Admin	Administration, Clerical, Invoicing	\$60

**Average Multiplier      3.20**

**SUB-CONSULTANT TEAM MEMBERS**Firm Name: SurvWest, LLC

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).

Title/Classification	Responsibilities	Rate/Hr.
Principal Engineer	Oversight of engineering design and quality; technical design direction	\$205.00
Project Manager	Oversight of project schedule and budget, execution of scope	\$175.00
Project Engineer	Performs design and engineering calculations	\$160.00
Junior Engineer	Assist with the design and engineering calculations under the supervision of a licensed engineer	\$130.00
Engineer-In-Training	Assist with the design and engineering calculations under the supervision of a licensed engineer	\$110.00
Engineering Technician	Designing, planning and execution of projects; advanced knowledge of CAD	\$100.00
Field Coordinator	Oversight of field activities, processes and technical merit. Highest level knowledge of process, equipment, field conditions and expertise	\$150.00
Senior Designator	Oversight of designation process, directs field staff, high-level knowledge of equipment, conditions and technical expertise	\$120.00
Junior Designator	Performs designation activities, operates associated equipment	\$90.00
Senior Locator/Vac Truck	Performs test hole and locating activities, operates associated equipment	\$80.00
Junior Locator/Vac Truck	Performs test hole and locating activities, operates associated equipment	\$65.00
Senior CAD Technician	Performs drafting of technical drawings	\$100.00
Junior CAD Technician	Performs drafting of technical drawings	\$85.00
Principal Surveyor	Oversight of surveying process, directs staff and responsible for technical merit	\$156.00
Office Surveyor	Processes field survey data, oversight of office process, produces deliverables	\$145.00
Senior Field Surveyor	Performs field surveying activities	\$105.00
Junior Field Surveyor	Performs field surveying activities	\$90

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

**SUB-CONSULTANT TEAM MEMBERS**Firm Name: Valerian llc

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	Provides leadership, oversees overall project & design	\$150.00/HR
Associate Principal	Oversees and provides design, quality control & budget management	\$115.00/HR
Associate	Provides oversight, lead design and review, sub-consultant coordination	\$100.00/HR
Project Designer I	Project support	\$80.00/HR
Project Designer II	Project support	\$85.00/HR
Project Designer III	Project support	\$90.00/HR
Irrigation Designer	Provides all irrigation design and coordination	\$100.00/HR
Office Manager	Clerical support, filing, submittal preparation, and other duties as assigned.	\$60.00/HR

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.00.

Unless expressly authorized by the City as part of any approved project proposal or specified in the contract, the City will not compensate the Consultant for expenses such as postage, travel, mileage, telephone, reproduction and messenger service costs incurred in connection with Work performed under this Agreement. 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 part of each on-call task order as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

**ZOELLER CONSULTING, LLC****Sub-Consultant Team Members****Hourly Rate Schedule**

<b>Title / Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Owner	Public involvement, government relations & communications	\$135
Public Involvement & Government Relations Specialist	Public involvement, government relations & communications	\$120
Public Involvement & Language Interpretation Specialist	Public involvement, communications & language communication	\$105
Logistical & Language Support	Public involvement & Spanish language	\$75

**Average Multiplier      1.22**