

## 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 **JACOBS ENGINEERING GROUP INC.**, a Delaware corporation registered to do business in Colorado, whose address is 717 17<sup>th</sup> Street, Suite 2750, Denver, Colorado 80202 (the “Consultant”), jointly “the Parties.”

### RECITALS:

**A.** The Parties entered into an On-Call Engineering Services Agreement executed on or about February 14, 2017, and an Amendatory Agreement dated August 9, 2019, (collectively, the “Agreement”) for the performance of certain work set forth in that Agreement and **Exhibit A** thereto; and

**B.** Rather than enter into a new contract, the Parties desire to revise the terms and conditions of the Agreement as they previously existed and the Parties further desire to amend the Agreement to extend the term of the Agreement one year and add compensation in the amount of ONE MILLION DOLLARS (\$1,000,000.00) 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.** All references to “...Exhibit B...” in the Agreement shall be amended to read: “...Exhibit B and B-1...” as applicable. The hourly rate schedules marked as Exhibit B-1 attached to this Amendatory Agreement is hereby incorporated by reference. The new rates shall be effective at time of amendment execution and shall only apply to new task orders issued after amendment execution.

**2.** All references to “...Exhibit C...” in the Agreement shall be amended to read: “...Exhibit C and C-1...” as applicable. The key professional personnel marked as Exhibit C-1 attached to this Amendatory Agreement is hereby incorporated by reference.

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

#### “**3.05 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 **SEVEN MILLION DOLLARS AND NO CENTS (\$7,000,000.00)**. 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.”

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 February 15, 2017, and shall expire on February 14, 2022, 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. The term of this agreement may be extended for one additional year at the City’s sole discretion by written amendment.”

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

6. 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:** PWADM-201950804-02 [201631687-02]  
**Contractor Name:** JACOBS ENGINEERING GROUP 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:**

PWADM-201950804-02 [201631687-02]  
JACOBS ENGINEERING GROUP INC.

By:  \_\_\_\_\_  
2EB911A8F2A246C...

Name: Kay Dry  
(please print)

Title: Operations Leader  
(please print)

ATTEST: [if required]

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

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

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

# Exhibit B-1

## CONSULTANT TEAM MEMBERS

PRIME CONSULTANT: Jacobs Engineering Group, 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>
Architect Associate	Develops basic architectural design and solutions	\$165
Architect	Develops architectural design and solutions	\$205
Architect Senior	Develops advanced architectural design and solutions	\$245
Architectural Drafter Associate	Basic drafting, copies sketches, layouts, and drawings prepared by others	\$80
Architectural Drafter	Performs drafting assignments requiring application of standardized drawing techniques	\$105
Architectural Drafter Senior	Performs non-routine and complex drafting assignments requiring application of standardized drawing techniques	\$125
Architectural Engineer Associate	Develops basic architectural engineering design and solutions	\$125
Architectural Engineer	Develops architectural engineering designs and solutions	\$185
Architectural Engineer Senior	Develops advanced architectural engineering designs and solutions	\$245
Biologist	Performs biologic analysis, surveys and documentation	\$130
Biologist - Senior	Performs advanced biologic analysis, surveys and documentation	\$140
CAD Technician Associate	Provides CAD drafting and CAD Coordination	\$105
CAD Technician		\$125
CAD Technician Senior		\$160
Construction Engineer	Supports construction projects	\$140
Construction Inspector Associate	Provides construction inspecting on construction projects	\$80
Construction Inspector		\$105
Construction Inspector Senior		\$125
Construction Manager	Manages constructions projects and tasks	\$180

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Contracts Administrator Associate	Provides contract review and set-up. Sets-up subconsultant contracts and monitors subconsultant contracts	\$130
Contracts Administrator Senior		\$150
Designer Associate	Provides basic design support with CAD design tools	\$105
Designer	Provides design support with CAD design tools	\$125
Designer Senior	Provides advanced design support with CAD design tools	\$135
Engineer - Associate	Provides engineering design of roadways, multimodal solutions, utilities, traffic, ITS, hydrology and hydraulics, water quality and storm sewers. Provides technical plan review, schedules, preparation of plans, specifications, reports and estimates. Supports data collection.	\$105
Engineer		\$140
Engineer - Senior		\$165
Engineer Intern	Supports basic planning or engineering tasks	\$100
Environmental Compliance Lead	Leads environmental compliance requirements	\$160
Environmental Field Technician	Performs environmental field analysis and surveys	\$95
Environmental Scientist Associate	Performs environmental analysis and prepares environmental reports	\$105
Environmental Scientist		\$115
Environmental Scientist Senior		\$125
Geotechnical Engineer Associate	Performs geotechnical engineering analysis, reviews reports and prepares reports	\$145
Geotechnical Engineer		\$170
Geotechnical Engineer Senior		\$185
GIS Specialist	Provides GIS support for infrastructure projects	\$130
GIS Specialist - Senior		\$140
GIS Technician Associate	Provides GIS support for infrastructure projects using GIS computer tools	\$80
GIS Technician		\$105
GIS Technician Senior		\$135

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Graphic Designer	Prepares design graphics, including public involvement graphics	\$115
Graphic Designer Senior		\$125
Health and Safety Professional Associate	Provides guidance on health and safety requirements for projects. Oversees health and safety for projects.	\$140
Health and Safety Professional Senior		\$150
Interior Design Associate	Prepares interior design	\$60
Interior Design		\$80
Interior Design Senior		\$115
Intern	Supports basic tasks	\$60
Landscape Architect Associate	Develops landscape architectural design and solutions	\$105
Landscape Architect		\$115
Landscape Architect Senior		\$120
Party Chief Associate	Provides field survey direction	\$90
Party Chief		\$110
Party Chief Senior		\$120
Photogrammetrist Associate	Provides photogrammetry	\$100
Photogrammetrist		\$120
Photogrammetrist Senior		\$175
Photogrammetrist Technician Associate	Supports photogrammetry using computer design tools	\$95
Photogrammetrist Technician		\$105
Photogrammetrist Technician Senior		\$155



<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Planner Associate	Provides planning, analysis, documentation for infrastructure projects	\$80
Planner		\$125
Planner Senior		\$155
Principal	Assures commitment of resources. Client satisfaction and issue resolution if needed.	\$310
Program Manager	Manages programs including cost, schedule and quality control. Day-to-day client coordination. Task order management.	\$225
Program Manager Senior		\$270
Project Manager	Manages projects. Coordinates with City Project Manager.	\$205
Project Manager Senior		\$245
Project Accountant	Tracks project finances and invoicing	\$95
Project Accountant Senior		\$115
Project Assistant Associate	Provides clerical support and meeting coordination	\$95
Project Assistant Senior		\$130
Project Controls Associate	Monitors projects budgets and schedules	\$125
Project Controls Senior		\$195
Project Engineer SUE/Survey	Provides Subsurface Utility Engineering (SUE) and survey design	\$140
Quality Manager	Ensures project quality	\$200
Safety Manager	Manages safety for projects	\$195
Scheduler	Prepares schedules for projects	\$160
Scientist Associate	Provides scientist analysis and reports	\$140
Scientist		\$150
Scientist Senior		\$160
Structural Engineer Associate	Designs structures for treatment plants, conveyance pipelines, storm sewers, structures/bridges, roadways, and other infrastructure	\$210
Structural Engineer		\$180
Structural Engineer Senior		\$210

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Survey Project Engineer PLS/Certified Photogrammetrist	Provides engineering for professional land survey and photogrammetry	\$135
Survey/CAD/GIS Technician Associate	Prepares of survey, CAD and GIS CAD files. Drafting, Plan Production	\$70
Survey/CAD/GIS Technician		\$90
Survey/CAD/GIS Technician Senior		\$105
Surveyor Associate	Performs survey tasks in the office and in the field	\$110
Surveyor		\$140
Surveyor Senior		\$165
Sustainability Manager	Manages sustainability for projects	\$150
Task Lead	Leads task for civil engineering, drainage, and water quality design	\$195
Technical Writer/Editor Associate	Editing Documents, including Specifications	\$95
Technical Writer/Editor		\$110
Technical Writer/Editor Senior		\$125
Technologist Associate	Specialized Expert in Special District Creation, Multimodal Planning, Traffic Planning/Safety/Parking, ITS, Hydrology and Hydraulics, Water Quality and Storm Sewers, or Urban Design/Streetscape	\$165
Technologist		\$205
Technologist Senior		\$245
Transportation Planner Associate	Provides transportation planning. Including environmental/NEPA analysis and documentation	\$95
Transportation Planner		\$105
Transportation Planner Senior		\$115
Utility Investigator Associate	Investigates utilities in the field	\$85
Utility Investigator		\$110
Utility Investigator Senior		\$150

Title/Classification	Responsibilities	Rate/Hr.
Utility Investigation Technician Associate	Prepares utility files using computer design tools	\$60
Utility Investigation Technician		\$75
Utility Investigation Technician Senior		\$90

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.0.

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.

**REIMBURSABLE EXPENSES**PRIME CONSULTANT: Jacobs Engineering Group Inc.

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**Actual Costs**

<u>Item</u>	<u>Charge Rate</u>
Survey Grade GPS	\$125/day
Robotic Total Station	\$150/day
Digital Level	\$60/day
Terrestrial Laser Scanner	\$1200/day
Telescope Tripod	\$35/day
Laser Scanning Targets	\$2/each
Gas Jack Hammer	\$70/day
Echosounder	\$75/day
Ground Penetrating Radar (GPR)	\$250/day
Radio Frequency Induction (RFI)	\$50/day
Electromagnetic Profiler (EM)	\$150/day
Locator Beacon (Sonde)	\$30/day
Confined Space Equipment	\$150/day
Trimble Geo 7X GPS	\$110/day
Trimble Geo XH GPS	\$90/day
Trimble Geo XT GPS	\$65/day
Photogrammetric Workstation	\$5/hour
Aerial Photography / LiDAR	At cost
External Hard Drives	At cost
Equipment Rental (as needed)	At cost
Subconsultants	At cost

### SUB-CONSULTANT TEAM MEMBERS

Firm Name: Anderson Hallas Architects, PC

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	Oversees the entire project team, bears ultimate responsibility for the quality of the team's work	\$189
Project Manager	Responsible for day to day communications, project coordination, schedule and budget management. Provides quality control for the project deliverables	\$146
Project Architect	Leads the development of presentation drawings, participates in programming and design, and leads the documentation effort	\$125
Job Captain	Handles as-builts, CAD drafting, Building Information Modeling, and production of construction documents	\$105
Draftsperson I	Assists Job Captain with as-builts, CAD drafting, Building Information Modeling, and production of construction documents. Hourly rate reflects level of experience	\$108
Draftsperson II	Assists Job Captain with as-builts, CAD drafting, Building Information Modeling, and production of construction documents. Hourly rate reflects level of experience	\$98
Draftsperson III	Assists Job Captain with as-builts, CAD drafting, Building Information Modeling, and production of construction documents. Hourly rate reflects level of experience	\$87
Business Manager	Acts as Contracts administrator, handles accounts payable and accounts receivable	\$124
Clerical	Handles administrative tasks	\$65

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

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.

### SUB-CONSULTANT TEAM MEMBERS

Firm Name: Aqua 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.

Title/Classification	Responsibilities	Rate/Hr.
Principal	Technical support, Project review (QA/QC), Seal project documents	\$185.00
Project Manager	Main point of contact, Monitor budget, Manage staff, Technical support	\$145.00
Project Engineer (PE)	Project design, Calculations, Coordination, Specifications, CAD support	\$125.00
Project Engineer (EIT)	Project design, Calculations, Coordination, Specifications, CAD support	\$100.00
CAD/IT Manager	CAD drafting, IT	\$120.00
Administrative	Project accounting	\$85.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 1.0.

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.

### SUB-CONSULTANT TEAM MEMBERS

**Firm Name :**                                          Clanton & Associates

List **ALL** potential firm personnel titles/classification 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	\$ 290.00
President	Contracts, Staffing, Project Oversight, Professional Engineer, Quality Control, Process Development and Management	\$ 275.00
Principal	Contracts, Staffing, Project Oversight, Professional Engineer, Quality Control	\$ 200.00
Associate	Contracts, Staffing, Project Oversight, Professional Engineer, Quality Control	\$ 185.00
Senior Engineer II	Project Management, Electrical Engineering, Quality Control, Complex Project Oversight	\$ 180.00
Senior Engineer I	Project Management, Electrical Engineering, Quality Control	\$ 140.00
Engineer II	Lighting Design, Electrical Engineering, Project Support	\$ 130.00
Engineer I	Lighting Design, Electrical Engineering, Project Support	\$ 115.00
Senior Designer II	Project Management, Lighting Design, Quality Control, Complex Project Oversight	\$ 160.00
Senior Designer I	Project Management, Lighting Design, Quality Control	\$ 140.00
Designer II	Lighting Design, Project Support	\$ 125.00
Designer I	Lighting Design, Project Support	\$ 110.00
Intern	Lighting Design, Electrical Engineering, Project Support	\$ 90.00
Production Manager	CADD Production, Deliverables Management, Quality Control	\$ 160.00
Senior CADD Technician	CADD Production, Complex Project Oversight	\$ 110.00
CADD Technician	CADD Production	\$ 85.00
Marketing Manager	Marketing, Proposal Development, Contract Review	\$ 80.00
Office Manager	Invoicing, Office Administration	\$ 80.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.0

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 reproducibles, 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.



**SUB-CONSULTANT TEAM MEMBERS**

Firm Name: Coggins Consultants, 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.
Senior Program Implementation Manager	Program Management, Project Management, Alternative Project Delivery, City and County of Denver Liaison	\$205.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 1.0.

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.

**SUB-CONSULTANT TEAM MEMBERS**

Firm Name: GBSM, 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.
President/CEO	Strategic oversight	\$345
Principal	Senior-level strategy and counsel	\$325
Senior Associate	Project strategy, management and execution	\$235
Associate	Project execution, graphic design	\$155
Client Support	Project maintenance and administration	\$75

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

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 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.

## REIMBURSABLE EXPENSES

Sub-Consultant: GBSM, Inc.

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

3. Actual cost of reproduction of drawings and specifications requested by the City.
4. Travel/transportation costs shall not be reimbursable by the City for Prime Consultants.

### **Actual Costs**

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>0.10</u> / each
Copies (8 1/2 x 14")	\$ <u>0.15</u> / each
Red-line copies	\$ <u>0.10</u> / S.F.
Reproducibles	\$ <u>0.15</u> / page

**SUB-CONSULTANT TEAM MEMBERS**  
**Key Personnel**

Firm Name: Geocal

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

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>
Senior 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: Mundus Bishop Design, 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	Project lead, oversight, quality assurance	\$170/hr
Project Manager	Project management	\$130/hr
Sr. Landscape Architect	Lead project design	\$120/hr
Senior Planner	Lead project planning	\$120/hr
Landscape Architect	Planning and design	\$100/hr
Landscape Designer	Production, renderings, specifications	\$85/hr
Graphics Technician	GIS, AutoCad drawings, graphics	\$90/hr
Administrative	Clerical	\$70/hr

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.3.

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 reproducibles, 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.

### SUB-CONSULTANT TEAM MEMBERS

Firm Name: OV 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.
Principal	Project Management, Transportation Management, mobility planning, design, strategic outreach	\$175
Project Manager	Project Management, Transportaiton Planning, Transportation Engineering	\$160
Senior Engineer	Transportation Engineering	\$145
Engineer II	Transportation Engineering	\$130
Engineer I	Transportation Engineering	\$115
Senior Planner	Transportation Planning	\$140
Planner II	Transportation Planning	\$120
Planner I	Transportation Planning	\$110
GIS Analyst	GIS, Data review	\$90
Graphic Designer	Graphic design, meeting materials, web-based materials	\$90
CAD Technician	CAD drafting	\$90
Clerical/Administrative	Word processing & administrative organization	\$70
Data Collection Technician	Collect field data	\$35
Intern	Varying support tasks	\$30

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 1.0.

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:

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- (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.

### SUB-CONSULTANT TEAM MEMBERS

Firm Name: Paleo Solutions, 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 Investigator	Responsible for maintaining the overall scientific integrity and oversight of all projects. Conduct content edits of technical reports. Mentor junior staff.	\$144.20
Project Manager	Oversight and management of major projects; oversight and management of staff, setting of project goals and objectives and interfacing with clients.	\$144.20
Director	Report preparation; directing surveys, monitoring and fossil salvages; analyses of existing data, data recording, stratigraphic documentation, QA/QC	\$128.75
Supervisor	Report preparation; directing surveys, monitoring and fossil salvages; analyses of existing data, data recording, project safety, daily field check-ins	\$92.70
Technician	Performing field surveys, monitoring, data recordation, fossil discovery, fossil collection/salvage, stratigraphic document, lab preparation, data entry	\$72.10
GIS Specialist	Data management and support for a variety of handheld GPS units using ArcGIS, Trimble GPS; create complex final map products; manage databases	\$92.70
Technical Editor	Resource specialist in writing, cataloging, and maintaining of technical publications; edit reports and maintains corporate standards	\$56.65
Clerical	Assists with administrative support tasks supporting project completion; enters employee timesheets and expenses into accounting system	\$56.65

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 164.44.

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:

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- (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.

**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: Three Sixty 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.

Title/Classification	Responsibilities	Rate/Hr.
President/Principal	Principal-In-Charge. Project Management. Quality Control.	\$211.89
Professional Engineer	Professional Engineer, Project Management, Quality Control, Review of project documentation and submitted products.	\$167.17
Project Manager	Project Development, Scheduling, Technical Lead, Task Quality Control, Quality Control	\$140.72
Project Engineer II	Design Development, Research, Technical Knowledge, Supports Project Manager	\$124.99
Project Engineer I	Design Development, Calculations, Research, Supports Project Engineer 2 and Project Managers	\$104.85
Administrative	Specifications, Packaging, Administrative	\$98.78

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.4432 .

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- (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.

## SUB-CONSULTANT TEAM MEMBERS

Firm Name: Toole Design Group, 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 senior-level client contact and services and is ultimately responsible for team performance.	298
Project Manager	Plans and manages the project delivery process for large or complex projects. Leads public engagement efforts and serves as principal.	268
Engineering Lead I	Responsible for quality control of engineering products; leads preparation of engineering efforts and provides direction to junior.	222
Senior Engineer	Responsible for overall quality control; leads preparation of design efforts and provides direction to junior staff and interface with clients.	192
Project Engineer	Prepares design criteria and design analysis reports, develop contract documents (plans and specifications), develops opinions of	169
Engineer II	Designs and completes project elements, prepares reports and calculations under supervision.	130
Engineer	Designs and completes project elements under supervision, data entry and analysis, prepares graphics and design plans using CADD	106
Urban Designer	Designs and completes project elements under supervision, completes assignments related to landscape architecture and urban	160
Planning Lead I	Responsible for quality control of planning products; leads preparation of planning efforts and provides direction to junior staff	226
Senior Planner	Prepares analysis reports, develops preliminary improvement recommendations, leads data gathering and GIS mapping efforts.	185
Project Planner	Assists with analysis reports, develops improvement recommendations, leads data gathering.	161
Planner II	Completes planning project elements and prepares reports under supervision.	132
Planner	Supports the development of reports, conducts data entry and analysis, prepares graphics for public or technical presentations.	102
Landscape Architect	Prepares design criteria and analysis reports, develops contract documents, develops opinions of cost within streetscape and	189
Landscape Architect Lead	Applies broad multi-disciplined knowledge of landscape architecture and urban design technical criteria, standard methods, and	219
GIS Specialist	Responsible for GIS databases, designs new and updates existing maps, prepares metadata and other information.	107
Graphic Designer	Lead development of marketing materials.	116
Intern	Assists with data gathering, research, and document production.	76
Administration	Technical-level services involving the preparation of project deliverables, word processing and project accounting.	75
Senior Advisor	Provides overall QA and QC of the entire project	260

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.08.

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 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.

**SUB-CONSULTANT TEAM MEMBERS**Firm Name: Yeh and 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	Ensure project receives all needed support. Review Schedule, budget.	\$205.00
Senior Project Manager	Responsible for day to day management of project	\$185.00
Project Manager	Responsible for day to day management of limited scope projects	\$156.00
Sr. Engineer/Geologist	Performs engineering/geological investigations.	\$135.00
Project Engineer/Geologist	Performs investigations, prepares reports.	\$115.00
Staff Engineer/Geologist	Performs calculations, sketches, checks drawings supplied by others.	\$100.00
Engineer or Geologist Intern	Performs calculations, sketches, and work with the supervision a engineer.	\$62.00
Resident Construction Engineer	Responsible for managing, scheduling, and delivering construction projects. Licensed	\$180.00
Construction Manager	Responsible for day to day management of limited scope projects Non-licensed	\$155.00
Construction Observer 3	Inspects construction, submits daily field reports.	\$125.00
Construction Observer 2	Provide Construction Inspection services, written field reports	\$110.00
Construction Observer 1	Provide Construction Inspection services, written field reports	\$99.00
Technician Leader/Supervisor	Provides quality control for field project documentation	\$130.00
Laboratory Supervisor	Organizes and oversees all lab activities for materials testing.	\$110.00
Technician 3	Conducts tests on soils, concrete, asphalt. Fully certified	\$88.00
Technician 2	Samples and tests asphalt, concrete, aggregate, and soils.	\$79.00
Technician 1	Samples and tests asphalt, concrete, aggregate, and soils.	\$65.00
Graphics/CAD specialist	Prepares conceptual studies and designs	\$130.00
Cad Technician	Prepares studies and designs into electronic files	\$80.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.83.

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:

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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: All Traffic Data Services, Inc.

List **ALL** potential firm personnel titles/classification 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.
President	Contract review and data processing	\$75.00
Manager	Review data and process deliverables	\$62.50
Technician	All field work to collect data for assigned tasks	\$50.00

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

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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: BDG Engineering

List **ALL** potential firm personnel titles/classification 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.
Senior Engineer	Technical Lead Engineer. Project task manager. Task Quality control. Preparation and review of project documentation and submitted products.	\$148.18
Senior Designer	Lead project designer. Civil 3D lead. Infrastructure asset manager and visualization modeling lead.	\$119.93
Engineer II	Project support engineer. Civil 3D modeling support. Quantity calculations and cost estimating. Custom civil programming.	\$104.74
Senior Cadd Tech.	Autocad drawing support. Visual aid/public involvement drawing preparation and revisions.	\$102.07
Cadd Tech. I	Autocad drawing support.	\$55.44

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.5518.

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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: BT Construction, Inc.

List **ALL** potential firm personnel titles/classification 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.
Vice President	As VP of Field Operations and General Superintendent, VP provides leadership to all field employees and manages projects schedules, manpower and budgets.	\$110.00
Project Controls	Project environmental compliance including documentation, permitting, and cost control. Coordination of project documentation and project management assistance.	\$90.00
Field Supervisor	Responsible for directing daily crews activities and schedules safely and efficiently, accountable for production schedule and budgetary goals	\$80.00
Traffic Control Supervisor	Responsible for coordinating and producing a traffic control plan to submit to the City as needed. Set up and work the traffic control on the jobsite scope of work.	\$80.00
Vac Truck Operator	Operation of Hydro Vac Truck for investigation of utilities.	\$65.00
Vac Truck Laborer	Assist operation of the Hydro Vac Truck	\$55.00

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

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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: CIG Public Relations

List **ALL** potential firm personnel titles/classification 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.
Public Involvement Manager	Develops outreach plans, establishes appropriate outreach strategies and identifies audience-specific outreach tools. Also interacts with stakeholders to assure information is appropriate and effective.	\$141.00

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

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- (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.
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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: Collins Engineers, Inc.

List **ALL** potential firm personnel titles/classification 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.
Regional Manager	Task management. Discipline Lead. Staff supervision.	\$185.00
Senior Project Manager	Task management, discipline lead, staff supervision.	\$150.00
Team Leader/Engineer II	Project management, team leader, project quality control, structural design engineer, engineer-inspector, preparation and review of reports, documentation, and submittals.	\$115.00
Engineer I	Structural design engineer-inspector, preparation and review of reports, documentation, and submittals.	\$95.00

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

\* This is not always consistent per employee. The above rates are based on title/classification.

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:

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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: Diversified Underground, Inc.

List **ALL** potential firm personnel titles/classification 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.
Utility Locator	Locate Utilities, Mark correctly in Field and on Sketch	\$20.00
Utility Potholer	Daylight Utilities, Mark Correctly in Field and on Sketch	\$20.00
Utility Management	Ensure our crews are working safely, efficiently and correctly.	\$25.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate:     1.0    .

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:

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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: Livable Cities Studio

List **ALL** potential firm personnel titles/classification 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 1		\$200.00
Principal 2		\$175.00
Principal 3		\$150.00
Project Designer 1		\$130.00
Project Designer 2		\$115.00
Project Designer 3		\$100.00
Project Designer 4		\$90.00
Project Designer 5		\$75.00
Project Designer 6		\$60.00

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

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.
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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: PK Electrical, Inc. \_\_\_\_\_

List **ALL** potential firm personnel titles/classification 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	Oversees the project, does QA/QC and resolves issues	\$200.00
Engineering/Project Manager	Oversees the project; provides design support, first line of problem solving	\$180.00
TeleComm Manager / Designer	In regards to TeleComm, handles day-to-day contact, does design and first line of problem solving	\$150.00
Engineering Designer	Handles day-to-day contact and does design	\$140.00
Production/Drafter	Produces the design using Revit or AutoCAD	\$90.00
Clerical/Administration	Completes billing, specifications, administration support	\$80.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.86.

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:

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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: Respec

List **ALL** potential firm personnel titles/classification 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.
Resident Consultant	Conducts research in problem areas of considerable scope and complexity	\$190.00
Principal/Senior Project Manager	Work unit performance, overall QC	\$170.00
Senior Project Manager	Overall project oversight, gives direction on the design and works with client	\$155.00
Senior Project Engineer	Provides technical oversight, gives direction on the design	\$145.00
Project Biologist	Complete investigations related to agriculture, energy production, transportation, water resources, recreation and the environment	\$135.00
Project Manager	Oversees day to day tasks for project completion	\$125.00
Project Engineer	Performs calculations, develops designs	\$100.00
Engineering Technician	Plan set development, figures	\$85.00
Engineer	Assists project engineer with design calculations	\$85.00
Administrative Support	Invoicing	\$75.00
Engineering Intern	Various small tasks to assist in the project	\$45.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.0.

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:

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**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: Rocky Mountain Paleo Solutions

List **ALL** potential firm personnel titles/classification 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 Investigator	Responsible for maintaining the overall scientific integrity and oversight of all projects. Conduct content edits of technical reports. Mentor junior staff.	\$140.00
Project Manager	Oversight and management of major projects; oversight and management of staff, setting of project goals and objectives and interfacing with clients.	\$140.00
Director	Report preparation; directing surveys, monitoring and fossil salvages; analyses of existing data, data recording, stratigraphic documentation, QA/QC.	\$125.00
Supervisor	Report preparation; directing surveys, monitoring, and fossil salvages; analyses of existing data, data recording, project safety, daily field check-ins.	\$90.00
Technician	Performing field surveys, monitoring, data recordation, fossil discovery, fossil collection/salvage, stratigraphic document, lab preparation, data entry.	\$70.00
GIS Specialist	Data management and support for a variety of handheld GPS units using ArcGIS, Trimble GPS; create complex final map products; manage databases.	\$90.00
Technical Editor	Resource specialist in writing, cataloging, and maintaining of technical publications; edit reports and maintains corporate standards.	\$55.00
Clerical	Assists with administrative tasks supporting project completion; enters employee timesheets and expenses into accounting system.	\$55.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 1.644.

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:

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- (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.

**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: Transportation Resource Services, Inc.

List **ALL** potential firm personnel titles/classification 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.
Project Manager	Task management. Discipline Lead. Staff supervision.	\$145.00
Sr. Right of Way Agent	Negotiate complex property acquisitions, Relocation Planning, Provide relocation assistance for complex relocation scenarios	\$105.00
Quality Control Coordinator	Provide review and oversight for acquisition, relocation and closing tasks	\$105.00
Right of Way Agent	Negotiate property acquisitions, Provide relocation advisory assistance for standard relocation	\$ 95.00
Closing Coordinator	Collaborate with title company/City/owner to facilitate closings	\$ 95.00
Administrative	Status reporting; file maintenance	\$ 60.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 1.0.

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.

**REIMBURSABLE EXPENSES**

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

1. Title commitments and supporting data, at cost, as requested by City
2. Third party appraisals, at cost, as requested by City.
3. Third party review appraisals, at cost, as requested by City.
4. Title Services, at cost, as requested by the City.

**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**



Firm Name: Walker Parking Consultants

List **ALL** potential firm personnel titles/classification 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.
Parking Consultant	Parking management planning and studies	\$195.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 4.25.

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.



**ATTACHMENT 2**  
**SUB-CONSULTANT TEAM MEMBERS**

**w e n k**

ASSOCIATES

Firm Name: Wenk Associates, Inc.

List **ALL** potential firm personnel titles/classification 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 II	Design and technical review.	\$182.00
Principal I	QA/QC, design review, and oversight.	\$126.00
Project Manager II	QA/QC, scheduling, budget, meetings, coordination, oversight of technical production	\$99.00
Project Manager I	QA/QC, scheduling, budget, meetings, coordination, oversight of technical production	\$94.00
Landscape Architect/Designer III	QA/QC, design, meetings, coordination, technical production	\$86.00
Landscape Designer I & II	Design, graphics, technical production	\$77.00
Draftsperson	Technical production	\$75.00
Administrative Support	Contracting	\$65.00
Graphic Designer	Graphic production	\$92.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.912.

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 C-1

**Attachment 3**  
**LIST OF KEY PERSONNEL**



PRIME CONSULTANT: Jacobs Engineering Group Inc.

Personnel Classification	Name of Individual
Senior Program Manager	Mike Butters, PE, CFM
Project Manager II	Kristin Lang, PE
Principal	Reza Akhavan, PE
Unit Manager	Jeff Mehle, PE
Project Manager II	Heidi Schram, PE, CFM
Project Manager II	Beth Tosti, PE
Project Manager III	Emily Flagg, PE, PTOE
Architectural Project Manager II	Amy Gaddis, AIA
Land Surveyor V	Marla McOmber, PLS
Program Manager IV	Mike Lopez, CCM
Project Manager III	Laura Meyer, AICP
Program Manager IV	Alfredo Esguerra, PE, PMP
Principal	Alexa Braun, AICP

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



*Three Sixty Engineering, Inc.*

SUB CONSULTANT: Three Sixty Engineering, Inc.

Personnel Classification	Name of Individual
President/Principal	Denise M. Dihle, P.E.
Project Manager	Michael Cook
Project Manager	Taylor Reese
Project Engineer II	Travis Menard
Project Engineer II	Craig Crow
Project Engineer I	Spencer Rioux
Project Engineer I	Joseph Wittenberg
Administration	Melissa Kisicki

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: All Traffic Data Services, Inc.

Personnel Classification	Name of Individual
President	Dawn Boivin, PE
Project Manager	Eric Boivin
Project Manager	Randy Martinez
Technician	Justin Aidinovich
Technician	Michael Martinez
Technician	Isaiah Quintana
Technician	Walt Wair

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Anderson Hallas Architects, PC

Personnel Classification	Name of Individual
Principal	Nan Anderson, FAIA, LEED AP
Principal	Wells Squier, AIA, LEED AP
Project Manager	Anne Cutrell, AIA, LEED AP
Project Architect	Andy Duckett-Emke, AIA
Job Captain	Rachel Koleski
Draftsperson I	David Miller
Administrator	Kathleen Andres

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Aqua Engineering, Inc.

Personnel Classification	Name of Individual
Principal	Robert W. Beccard, P.E.
Project Manager	Cullen B. Kinoshita
Project Engineer PE	Jason H. Klausner, P.E.
Project Engineer EIT	Emily G. Kullberg, EIT
CAD/IT Manager	Ron J. Perez
Administrative	Tobi Wasson

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: BDG Engineering\_\_\_\_\_

Personnel Classification	Name of Individual
Senior Engineer	Doug Stremel, PE
Senior Designer	Kurt Johnston
Senior Cadd Tech.	Jennifer Meader
Cadd Tech. I	Abe Sarmiento



**ATTACHMENT 2**  
**LIST OF KEY PERSONNEL**



SUB CONSULTANT: BT Construction, Inc.

Personnel Classification	Name of Individual
Vice President	Steve Jacques
Project Controls	Lorrie Mirci
Field Supervisor	Robert Philby
Traffic Control Supervisor	Cliff Mondragon
Vac Truck Operator	Felipe Urbina
Vac Truck Operator	Ben Kindred
Vac Truck Operator	Mark Dahl

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: CIIG Public Relations

Personnel Classification	Name of Individual
Public Involvement Manager	Laurie Meza, ARP

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**

**CLANTON & ASSOCIATES**

LIGHTING DESIGN AND ENGINEERING

SUB CONSULTANT: Clanton and Associates, Inc.

Personnel Classification	Name of Individual
Senior Principal	Nancy Clanton, PE, FIES, IALD, LEED Fellow
Principal	Dane Sanders, PE, LEED AP
Senior Designer	David Roederer, LEED AP BD+C, IES
Senior Designer	Josie Wratten, Associate IALD, IES, LC
Senior Engineer	Greg Flageolle, AASM
Engineer	Annie Kuczkowski, BS, EIT, IES
Engineer	April Stevenson, BS, EI
Engineer	Kevin Sisto
Senior CADD Technician	Jon Ehnert, AASAD
CADD Technician	Travis Babcock, AAS

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Coggins Consultants, LLC

Personnel Classification	Name of Individual
Senior Program Implementation Manager	Steve Coggins

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Collins Engineers, Inc.

Personnel Classification	Name of Individual
Regional Manager	Bryant Walters, P.E., LEED AP
Senior Project Manager	Bryan Frantz, P.E., LEED AP
Team Leader/Engineer II	Michael Banasiak, P.E., CWI (Engineer-Diver)
Team Leader/Engineer II	Kyle Branham, P.E. (Engineer-Diver)
Team Leader/Engineer II	Chuck Euwema, EIT (Engineer-Diver)
Engineer I	Natasha Funk, EIT (Engineer-Diver)

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Diversified Underground Inc.

Personnel Classification	Name of Individual
General Manager	Mark Allen
Minority Owner	Richard Chuapoco
Majority Owner	Helena Chuapoco
Business Development Manager	Dustin Muir
Locate Superintendent	Chris Comer
Hydro Superintendent	Josh Allen

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: GBSM\_\_\_\_\_

Personnel Classification	Name of Individual
President	Andy Mountain
Senior Associate	Miles Graham
Senior Associate	Sheryl Machado
Senior Associate	Angela Woolcott

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Geocal, Inc.

Personnel Classification	Name of Individual
Principal/Senior Project Manager	Ron Vasquez, P.E.
Senior Project Manager	Robert Barton, P.E.
Project Engineer	Walter Zitz, P.E.
Environmental Geologist	Jim Maytum, P.G.
Operations Manager/VP Field Services	Greg Perzinski
Construction Engineer	David Herzog, P.E.



**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Livable Cities Studio

Personnel Classification	Name of Individual
Principal	Meredith Wenskoski, RLA, LEED AP

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Mundus Bishop Design, Inc.

Personnel Classification	Name of Individual
Principal	Tina Bishop, RLA, ASLA
Project Landscape Architect	Chris Loftus, RLA, ASLA
Project Manager	Rachel Scarborough, RLA, ASLA
Staff Landscape Designer	Aicha Menendez, LEED AP
CAD / Graphic Technician	Madalyn Shalkey

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: OV Consulting\_\_\_\_\_

Personnel Classification	Name of Individual
Principal - Engineer	Chris Vogelsang, PE
Principal - Planner	Beth Vogelsang, AICP
Planner	Shari Moore, AICP
Planner	Max Lubarsky

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Pinyon Environmental, Inc.

Personnel Classification	Name of Individual
Project Manager	Amy Kennedy
Project Engineer/Scientist	Karin McShea
Project Specialist	Michelle Marin
Project Specialist	Karin Hadley, AICP
Project Specialist	Russ Cirillo, PE
Project Engineer/Scientist	Julie Linn, PG
Project Specialist	Bridgit Mitchell, PE
Project Engineer/Scientist	William "Travis" Gwin

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



**PK Electrical, Inc.**  
*Engineering · Design · Consulting*

SUB CONSULTANT: PK Electrical, Inc.

Personnel Classification	Name of Individual
Principal	Karen Purcell, PE
Principal	Alan Wiskus, LEED AP BD+C
Project Engineer	Mike Greene, PE
Electrical Designer	Zack Jernigan, EI
Telecomm Manager	Brian Cuneo, PE, RCDD

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Respec

Personnel Classification	Name of Individual
Principal/Senior Project Manager	Alan Leak, P.E.
Principal/Senior Project Manager	Rick Moser, P.E.
Senior Project Manager	Walt Pennington, P.E.
Senior Project Manager	Rich Ommert, P.E., CFM
Senior Project Manager	Dorothy Eisenbraun, P.E.
Project Manager	Jessie Nolle, P.E., CFM
Project Manager	David Delagarza, P.E., CFM
Project Engineer	Wyatt Foley, P.E., CFM
Project Engineer	Josh Morin, P.E., CFM
Project Engineer	Adam Lacey, P.E., CFM
Engineer	Meredith Favero
Engineering Technician	Amy Teigen
Engineer	Leslie DeMott (Sackett) E.I.
Engineer	Mike Bannister, E.I.
Engineer	Krystina Pacheco
Administrative Support	Rebecca Moser
Engineering Intern	Curtis Weller
Senior Project Engineer	Mike Rotar, P.E.
Resident Consultant	Charlie Vandam
Project Biologist	Mark Traxler

**ATTACHMENT 2**  
**LIST OF KEY PERSONNEL**



SUB CONSULTANT: Paleo Solutions Inc., DBA Rocky Mountain Paleo Solutions

Personnel Classification	Name of Individual
Principal Investigator	Paul C. Murphey
Supervisor	Kate D. Zubin-Stathopoulos
Supervisor	Courtney D. Richards
GIS Specialist	Barbara Webster
GIS Specialist	Paul Nesbit
Technical Editor	Marissa Ericson

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Toole Design Group, LLC

Personnel Classification	Name of Individual
Senior Engineer	Jessica Juriga, P.E.
Project Engineer	Ashley Haire, PhD, P.E.



**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Transportation Resource Services, Inc.

Personnel Classification	Name of Individual
Project Manager	Wendy Rodenberg
Project Manager	Bradley Rodenberg
Project Manager	Richard Pittenridge
Sr. ROW Agent	Jeff Perret
Sr. ROW Agent	Benjamin Bolinger
ROW Agent	Kalan Falbo

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Walker Parking Consultants\_\_\_\_\_

Personnel Classification	Name of Individual
Parking Consultant	Jeremiah Simpson

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Wenk Associates, Inc.

Personnel Classification	Name of Individual
Principal I	Greg Dorolek, RLA, ASLA
Principal I	Nicole Horst, RLA, ASLA
Principal II	Bill Wenk, RLA, FASLA

**ATTACHMENT 2  
LIST OF KEY PERSONNEL**



SUB CONSULTANT: Yeh & Associates, Inc.

Personnel Classification	Name of Individual
Materials Manager, Pavement Design	Bob LaForce, PE
Materials Manager, Pavement Design	Masoud Ghaeli, PE
Geotechnical Engineer	Samantha Sherwood, PE
Materials Tester	Brian Johnson