

## AMENDATORY AGREEMENT

This **AMENDATORY AGREEMENT** is made and entered by and between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado (the “City”) and **JACOBS ENGINEERING GROUP INC.**, a Delaware corporation registered to do business in Colorado, whose address is 717 17<sup>th</sup> St., Suite 2750, Denver, CO 80202 (the “Consultant”), jointly (“the Parties”).

### RECITALS:

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

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

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

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

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

3. Section 3 of the Agreement entitled **COMPENSATION, PAYMENT, AND FUNDING** Sub-section 3.05 (a) entitled **Maximum Contract Amount; 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, which includes all categories selected under this Agreement, shall not exceed a maximum of **THIRTEEN MILLION DOLLARS AND ZERO CENTS (\$13,000,000.00)**. 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** Sub-section 4.01 entitled **Term** is amended to read as follows:

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

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

“**6.06. No Discrimination in Employment:** In connection with the performance of work under the Agreement, the Contractor may not refuse to hire, discharge, promote, demote, or discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, ethnicity, citizenship, immigration status, gender, age, sexual orientation, gender identity, gender expression, marital status, source of income, military status, protective hairstyle, or disability. The Contractor shall insert the foregoing provision in all subcontracts.”

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

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

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

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

**Contract Control Number:** DOTI-202369353-01 [202056596-01]  
**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:**

DOTI-202369353-01 [202056596-01]  
JACOBS ENGINEERING GROUP INC

By:  \_\_\_\_\_  
E4295948C891462...

Name: Bill Lang  
(please print)

Title: Vice President, Transportation  
(please print)

ATTEST: [if required]

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

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

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

## Exhibit A-1

Category Name	Category Number	Category Amount	M/WBE Goal Commitment
Bridge Design	2	\$4,000,000.00	22%

**Short Description:**

Design and analysis for bridge, culvert, and retaining wall structures

**Definition:**

Work in this category is related to the design of new bridges, bridge replacements, bridge rehabilitation, and bridge preservation projects. Structural work may also include culverts or retaining walls. Tasks and deliverables to support bridge design are included. Standalone bridge inspections will be addressed in another category.

**Primary Scope Elements:**

- Structural design and plan development for bridge or wall replacements and rehabilitations
- Structural analysis of new and existing bridges
- Load ratings for vehicular bridges per CDOT requirements using AASHTO BrR Software
- Provide a detailed review of work performed by other designers
- Structure Selection Reports for vehicular bridges, pedestrian bridges and wall structures
- Provide plans, specifications, quantities, and cost estimate preparation per CDOT requirements
- Construction support, including shop drawing review, RFIs, and value engineering proposals
- Structural consultation

**Secondary Scope Elements:**

- General requirements required in the contract
- Bridge inspections to support design efforts
- Staff augmentation
- Project Management
- Geotechnical investigations
- Survey
- Environmental Engineering (field research and testing, historical, wetlands, general NEPA support)
- Utility engineering and coordination
- Railroad, RTD, and DTO coordination
- Grant writing and management
- Permitting
- Real Estate
- Public involvement
- Additional tasks as required

**Skills and Requirements:**

- Bridge design and analysis experience
- Technical writing
- Current bridge design software
- Experience with current design codes and standards

## Exhibit A-1

Category Name	Category Number	Category Amount	M/WBE Goal Commitment
Utility Engineering	9	\$1,500,000.00	25%

**Short Description:**

Coordination, design, and subsurface utility engineering for dry utilities.

**Definition:**

Work in this category is related to the coordination and design of dry utilities. The work will also include subsurface utility engineering (SUE) in accordance with Colorado Senate Bill 18-167. Tasks may be standalone or in support of larger projects or programs.

**Primary Scope Elements:**

- Conduct and document investigations of project areas to determine existing utility conditions within the project limits
- Conduct meetings with utility providers and provide meeting minutes
- Collect existing data (ex. utility key maps)
- Identify all known utilities and document key data – ownership, type, size, special conditions, franchise agreements, permits and easements
- Conduct or coordinate subsurface geophysical techniques to determine the existence and horizontal position of underground utilities.
- Conduct or coordinate the use of minimally intrusive excavation methods at critical points to determine precise horizontal and vertical position of underground utilities, as appropriate with the applicable Quality Level
- Develop utility specifications and utility notification letters
- Plan, specification and cost estimate preparation

**Secondary Scope Elements:**

- General requirements required in the contract
- Conduct or coordinate the collection of appropriate survey data
- Railroad coordination
- Permitting
- Generate relocation quantities and cost estimates
- Geotechnical
- Survey
- Additional tasks as required

**Skills and Requirements:**

- Utility coordination or SUE experience

- Technical writing
- Ability to create 3D models to assist in the resolution of utility conflicts
- Ability to generate signed and sealed plans for existing and proposed utilities
- Access to equipment to complete field data collection
- Digital files must be submitted to City in City format



## Exhibit A-1

Category Name	Category Number	Category Amount	M/WBE Goal Commitment
Program and Project Management	13	\$7,500,000.00	35%

### **Short Description:**

Development and implementation of program management best practices, procedures, tools, and techniques.

### **Definition:**

Work in this category will include provision of professional services related to the development and implementation of best practices, procedures, tools, and techniques related to the programmatic delivery of capital infrastructure projects. Work may also include providing project management services in the form of staff augmentation and/or specialty support services. Qualified firms must be able to provide program management, project management, and construction management.

### **Primary Scope Elements:**

- Professionally facilitated workshops for organizational development, including:
  - Chartering of program teams
  - Risk register development
  - Development of governance
  - General team building
- Current state and “path forward” alternatives analysis
- Strategy development
- Implementation recommendations
- Performing a “gap analysis” with a report and recommendations on how to bridge resource shortfalls
- Providing highly specialized staff to augment program delivery with roles in:
  - Scheduling
  - Cost estimating
  - Contracting and procurement
  - Establishment of program document management procedures and systems
- Project Management
- Construction Management and oversight (including construction administration and inspection services)

### **Secondary Scope Elements:**

- General requirements required in the contract
- Additional tasks as required

**Skills and Requirements:**

- Program management experience that includes demonstrated experience as the prime program management consultant on at least three (3) municipal government-led, integrated capital improvement programs with a program capital value of at least \$100 million each. Verifiable staff and company experience in the initiation, planning, execution, monitoring, controlling and closeout of programs using industry best practices in strategic planning, scope and change management, risk, quality, and document management, stakeholder management and outreach, and communications. Demonstrated expertise in the use of Primavera P6 for development and maintenance of cost and resource-loaded schedules. Ability to perform independent cost estimates in accordance with AACE International Recommended Practice. Ability to establish SharePoint sites and optimization of file structures. Demonstrated experience in management of design and construction management consultants and alternative delivery contracts (CMGC and design/build) as well as experience in serving as an owner's advisor. Experience in performing program audits and gap analysis and facilitation of workshops and training session.
- Project management capabilities including cost, schedule, and stakeholder management in a matrix-style management structure with coordination across multiple functional groups.

**ATTACHEMENT 2**

Prime: Jacobs Engineering Group Inc

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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	\$200
Architect	Develops architectural design and solutions	\$245
Architect Senior	Develops advanced architectural design and solutions	\$300
Architectural Drafter Associate	Basic drafting, copies sketches, layouts, and drawings prepared by others	\$95
Architectural Drafter	Performs drafting assignments requiring application of standardized drawing techniques	\$130
Architectural Drafter Senior	Performs non-routine and complex drafting assignments requiring application of standardized drawing techniques	\$150
Architectural Engineer Associate	Develops basic architectural engineering design and solutions	\$150
Architectural Engineer	Develops architectural engineering designs and solutions	\$225
Architectural Engineer Senior	Develops advanced architectural engineering designs and solutions	\$300
Biologist	Performs biologic analysis, surveys and documentation	\$155
Biologist - Senior	Performs advanced biologic analysis, surveys and documentation	\$170
CAD Technician Associate	Provides CAD drafting and CAD Coordination	\$130
CAD Technician		\$150
CAD Technician Senior		\$190
Construction Engineer	Supports construction projects	\$170
Construction Inspector Associate	Provides construction inspecting on construction projects	\$95
Construction Inspector		\$130
Construction Inspector Senior		\$150

## EXHIBIT B-1

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Construction Manager	Manages constructions projects and tasks	\$220
Contracts Administrator Associate	Provides contract review and set-up. Sets-up subconsultant contracts and monitors subconsultant contracts	\$155
Contracts Administrator Senior		\$180
Designer Associate	Provides basic design support with CAD design tools	\$130
Designer	Provides design support with CAD design tools	\$150
Designer Senior	Provides advanced design support with CAD design tools	\$165
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.	\$150
Engineer		\$190
Engineer - Senior		\$250
Engineer Intern	Supports basic planning or engineering tasks	\$125
Environmental Compliance Lead	Leads environmental compliance requirements	\$190
Environmental Field Technician	Performs environmental field analysis and surveys	\$110
Environmental Scientist Associate	Performs environmental analysis and prepares environmental reports	\$130
Environmental Scientist		\$140
Environmental Scientist Senior		\$150
Geotechnical Engineer Associate	Performs geotechnical engineering analysis, reviews reports and prepares reports	\$175
Geotechnical Engineer		\$210
Geotechnical Engineer Senior		\$225
GIS Specialist	Provides GIS support for infrastructure projects	\$155
GIS Specialist - Senior		\$170

## EXHIBIT B-1

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
GIS Technician Associate	Provides GIS support for infrastructure projects using GIS computer tools	\$95
GIS Technician		\$130
GIS Technician Senior		\$165
Graphic Designer	Prepares design graphics, including public involvement graphics	\$140
Graphic Designer Senior		\$150
Health and Safety Professional Associate	Provides guidance on health and safety requirements for projects. Oversees health and safety for projects.	\$170
Health and Safety Professional Senior		\$180
Interior Design Associate	Prepares interior design	\$75
Interior Design		\$95
Interior Design Senior		\$140
Intern	Supports basic tasks	\$75
Landscape Architect Associate	Develops landscape architectural design and solutions	\$150
Landscape Architect		\$190
Landscape Architect Senior		\$265
Party Chief Associate	Provides field survey direction	\$105
Party Chief		\$135
Party Chief Senior		\$145
Photogrammetrist Associate	Provides photogrammetry	\$125
Photogrammetrist		\$145
Photogrammetrist Senior		\$215

## EXHIBIT B-1

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Photogrammetrist Technician Associate	Supports photogrammetry using computer design tools	\$110
Photogrammetrist Technician		\$130
Photogrammetrist Technician Senior		\$185
Planner Associate	Provides planning, analysis, documentation for infrastructure projects	\$150
Planner		\$200
Planner Senior		\$315
Principal	Assures commitment of resources. Client satisfaction and issue resolution if needed.	\$375
Program Manager	Manages programs including cost, schedule and quality control. Day-to-day client coordination. Task order management.	\$350
Program Manager Senior		\$415
Project Manager	Manages projects. Coordinates with City Project Manager.	\$280
Project Manager Senior		\$325
Project Accountant	Tracks project finances and invoicing	\$110
Project Accountant Senior		\$140
Project Assistant Associate	Provides clerical support and meeting coordination	\$110
Project Assistant Senior		\$155
Project Controls Associate	Monitors projects budgets and schedules	\$150
Project Controls Senior		\$235
Project Engineer SUE/Survey	Provides Subsurface Utility Engineering (SUE) and survey design	\$170
Quality Manager	Ensures project quality	\$350
Rail Engineering Lead	Leads rail engineering	\$405
Safety Manager	Manages safety for projects	\$235
Scheduler	Prepares schedules for projects	\$190
Scientist Associate		\$170

## EXHIBIT B-1

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Scientist	Provides scientist analysis and reports	\$180
Scientist Senior		\$190
Structural Engineer Associate		Designs structures for treatment plants, conveyance pipelines, storm sewers, structures/bridges, roadways, and other infrastructure
Structural Engineer	\$220	
Structural Engineer Senior	\$295	
Survey Project Engineer PLS/Certified Photogrammetrist	Provides engineering for professional land survey and photogrammetry	\$165
Survey/CAD/GIS Technician Associate	Prepares of survey, CAD and GIS CAD files. Drafting, Plan Production	\$85
Survey/CAD/GIS Technician		\$105
Survey/CAD/GIS Technician Senior		\$130
Surveyor Associate	Performs survey tasks in the office and in the field	\$135
Surveyor		\$170
Surveyor Senior		\$200
Survey Lead	Leads survey task orders	\$310
Sustainability Manager	Manages sustainability for projects	\$180
Task Lead	Leads task for civil engineering, drainage, and water quality design	\$350
Technical Writer/Editor Associate	Editing Documents, including Specifications	\$110
Technical Writer/Editor		\$135
Technical Writer/Editor Senior		\$150
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	\$200
Technologist		\$245
Technologist Senior		\$300

## EXHIBIT B-1

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Transportation Planner Associate	Provides transportation planning. Including environmental/NEPA analysis and documentation	\$110
Transportation Planner		\$130
Transportation Planner Senior		\$140
Utility Investigator Associate	Investigates utilities in the field	\$100
Utility Investigator		\$135
Utility Investigator Senior		\$180
Utility Investigation Technician Associate	Prepares utility files using computer design tools	\$75
Utility Investigation Technician		\$90
Utility Investigation Technician Senior		\$105

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



**REIMBURSABLE EXPENSES**Prime: Jacobs Engineering Group Inc

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

**Actual Costs**

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

**SUB TEAM MEMBERS**

Sub: 105 West, Inc.

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

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

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

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

**REIMBURSABLE EXPENSES**Sub: 105 West, Inc.

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

**Actual Costs**

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

**SUB TEAM MEMBERS**Sub: AGUIRRE PROJECT RESOURCES LLC

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

Title/Classification	Responsibilities	Rate/Hr.
Estimator	Develops construction cost estimates	\$109
Sr. Estimator	Develops construction cost estimates and oversees the management and assembly of complex estimates.	\$145
Chief Estimator	Develops conceptual estimates, quality review of estimates, and provides value engineering support.	\$175
Scheduler	Develops project schedules	\$140

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

**REIMBURSABLE EXPENSES**

Sub: \_\_\_\_\_

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

**Actual Costs**

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

## SUB-CONSULTANT TEAM MEMBERS

Firm Name: Clanton & Associates

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

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

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

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

**REIMBURSABLE EXPENSES**

Sub-Consultant: Clanton & Associates

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

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

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

**Actual Costs**

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





EXHIBIT B-1

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

**REIMBURSABLE EXPENSES**

Sub: CDR Associates

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

**Actual Costs**

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

**SUB TEAM MEMBERS**

Sub: Communication Infrastructure Group (CIG)

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

Title/Classification	Responsibilities	Rate/Hr.
Principal	Executive Oversight	\$226
Chief Creative Officer	Creative Oversight	\$205
Senior Counselor	Executive Oversight	\$205
Sr. Strategic Director	Strategic Counsel	\$200
Counselor III	Project Oversight	\$179
Counselor I	Project Oversight and Coordination	\$148
Account Supervisor	Project Management	\$135
Creative Art Director	Creative Project Management and Graphic Design	\$132
Senior Associate	Project Management and Coordination	\$127
Associate Creative Director	Creative Projects Coordination and Graphic Design	\$121
Associate II	Mid-Level Project Management and Coordination	\$104
Graphic Design	Graphic Design	\$100
Web Designer	Web Design	\$88
Associate I	Project Support	\$88
Administrative	Administrative Support	\$84
Specialist	Entry-Level Project Support	\$71

EXHIBIT B-1

Account Coordinator	Entry-Level Project Support	\$39

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

**REIMBURSABLE EXPENSES**

Sub: Communication Infrastructure Group (CIG)

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

**Actual Costs**

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>.25</u> / each
Copies (8 1/2 x 14")	\$ <u>.25</u> / each
Red-line copies	\$ <u>      </u> / S.F.
Reproducibles	\$ <u>.25</u> / page

**SUB TEAM MEMBERS - Category 1**Sub: Conzor Engineers, LLC - Previously Apex DesignCategory: Program and Project Management

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

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

## EXHIBIT B-1

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

**SUB TEAM MEMBERS**Sub: ENTITLEMENT AND ENGINEERING SOLUTIONS, INC

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

Title/Classification	Responsibilities	Rate/Hr.
President	Oversight of technical merit, quality, schedule, and budget for all projects	\$291
Principal	Oversight of engineering design and quality; technical design direction	\$260
Associate/Sector Lead	Oversight of staff/engineering work; oversight of design and management of engineering projects.	\$210
Sr. Project Manager	Technical design direction; oversight of team; performs design tasks and quality reviews	\$197
Project Manager	Provide design direction; tracking of schedule, budget and project milestones	\$191
Sr. Engineer V	Responsible for design direction and technical merit	\$184
Sr. Engineer IV	Responsible for design direction and technical merit; performs design	\$168
Engineer III	Performs design and engineering calculations	\$161
Engineer II	Performs design and engineering calculations	\$153
Engineer I	Assist with the design and engineering calculations	\$146
Designer	Designing, planning and execution of projects; advanced knowledge of CAD	\$146
Administration	Document control; support of non-technical tasks	\$112
Sr. Administration	Oversight, direction and management of non-technical tasks; advanced skill required	\$152



EXHIBIT B-1

Site Development Coordinator	Site planning	\$161

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

**REIMBURSABLE EXPENSES**

Sub: ENTITLEMENT AND ENGINEERING SOLUTIONS, INC.

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

**Actual Costs**

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

**SUB TEAM MEMBERS**

Sub: GBSM, Inc.

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

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

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

**REIMBURSABLE EXPENSES**

Sub: GBSM, Inc.

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

**Actual Costs**

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

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

**SUB TEAM MEMBERS**

Sub-Consultant: Goodbee & Associates, Inc.

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

<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
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	\$120
Project Manager IV	Leads and reviews technical work	\$170
Project Manager III	Leads and reviews technical work	\$150
Project Manager II	Leads and reviews technical work	\$140
Project Manager I	Leads and reviews technical work	\$130
Designer III	Completes technical work under direction of a PM/LA	\$120
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
SUE Field Manager	Leads and reviews field work	\$140
SUE Technician III	Leads and completes field work	\$130
SUE Technician II	Completes field work under direction of manager	\$110
SUE Technician I	Completes field work under direction of manager	\$90
SUE Junior Technician	Completes field work under direction of manager	\$70
Survey Manager	Leads and reviews field work	\$145
Survey Party Chief	Leads and completes field work	\$130
Intern II	Supports tasks under direction of manager	\$80
Intern I	Supports tasks under direction of manager	\$70
Administrator	Bookkeeping and general administration	\$110
Administrative Assistant	General administration	\$80

The City will not compensate for expenses such as postage, mileage, parking, or telephone costs.

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

**REIMBURSABLE EXPENSES**

Sub-Consultant: Goodbee & Associates, Inc.

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

The additional expenses reimbursable by the City shall include:

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>at cost</u> / each
Copies (8 1/2 x 14")	\$ <u>at cost</u> / each
Red-line copies	\$ <u>at cost</u> / each
Reproducibles	\$ <u>at cost</u> / each
Traffic control	\$ <u>at cost</u> / each
Potholing and restoration	\$ <u>at cost</u> / each
Utility Designating Supplies and Equipment (use fee)	\$190 per day
Survey Equipment (use fee)	\$100 per day
Ground Penetrating Radar	\$70 per day

**SUB-TEAM MEMBERS**

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

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

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

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

**REIMBURSABLE EXPENSES**

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

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

**Actual Costs**

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



**SUB TEAM MEMBERS**Sub: NHN Consulting llc

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

Title/Classification	Responsibilities	Rate/Hr.
Public Engagement, Owner	Public Engagement strategy, communication, government relations	\$160/hr
Public Outreach Support	Research, communication content creation, execution of outreach strategy	\$140/hr
Public Outreach Specialist	Assist with public engagement strategy, government relations	\$145/hr
Public Outreach and Spanish Language Support	On-site public engagement and Spanish language outreach	\$120/hr
Administrator	Administrative Support and Logistics	\$100

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

**REIMBURSABLE EXPENSES**

Sub: NHN Consulting llc

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

**Actual Costs**

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>    </u> .10 <u>    </u> / each
Copies (8 1/2 x 14")	\$ <u>    </u> .15 <u>    </u> / each
Red-line copies	\$ <u>  NA  </u> / S.F.
Reproducibles	\$ <u>  NA  </u> / page

EXHIBIT B-1  
**SUB TEAM MEMBERS**

Sub: Pinyon Environmental, Inc.

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

Title/	Responsibilities	Rate/Hr.
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.	\$250
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.	\$235
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.	\$210
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.	\$185
Project Specialist	Reports to Regulatory and Oversight Agencies, Preparation of Permits, GIS Library Development and Data Analysis, Technical Review of Documents	\$160
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.	\$150
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	\$140
Staff I Technician	Groundwater Sampling, Sampling During UST Removals, Surveyor's Assistant	\$120
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.	\$130
Project Assistant	Maintain Field Equipment, Data Management	\$130
Administration	Word Processing, Clerical	\$105

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

**REIMBURSABLE EXPENSES**

Sub: Pinyon Environmental, Inc.

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

**Actual Costs**

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



**REIMBURSABLE EXPENSES**

Sub: \_\_\_\_\_

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

**Actual Costs**

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

**SUB TEAM MEMBERS**Sub: RockSol Consulting Group, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
Senior Project Manager	Oversee project; manage RockSol services	\$279.78
Project Manager II	Oversee projects	\$198.90
Project Manager I	Oversee projects	\$163.20
Senior Transportation Manager	Oversee projects	\$243.00
Senior Project Engineer	Provide guidance on projects, manage junior engineers	\$218.62
Senior Structural Engineer	Manage bridge/structure unit, oversee bridge/structure design	\$266.11
Structural Engineer II	Develop bridge/structure design	\$179.86
Structural Engineer I	Develop bridge/structure design	\$150.43
Senior Geotechnical Engineer	Manage geotechnical unit, oversee geotechnical services	\$262.21
Senior Geologist	Develop drilling programs, prepare geotechnical reports	\$168.92
Staff Engineer III	Develop design, conduct field inspections	\$188.70
Staff Engineer II	Develop design, conduct field inspections	\$168.48
Staff Engineer I	Develop design, conduct field inspections	\$150.43
Engineer-in-Training III	Develop transportation design, conduct field inspections	\$139.83
Engineer-in-Training II	Develop transportation design, conduct field inspections	\$119.11
Engineer-in-Training I	Develop transportation design, conduct field inspections	\$106.71
Engineering Student Intern	Train in field and design units	\$69.41
Environmental Manager	Manage environmental unit, prepare environmental reports	\$177.48
Environmental Specialist II	Conduct field investigations, prepare environmental reports	\$138.05
Environmental Specialist I	Conduct field investigations, prepare environmental reports	\$116.63

## EXHIBIT B-1

Construction Manager/Inspector IV	Provide construction management and inspection services	\$184.86
Construction Manager/Inspector III	Provide construction management and inspection services	\$162.89
Construction Manager/Inspector II	Provide construction management and inspection services	\$134.95
Construction Manager/Inspector I	Provide construction management and inspection services	\$98.13
Technician IV	Oversee laboratory and field materials testing	\$144.74
Technician III	Provide materials testing services	\$122.81
Technician II	Provide materials testing services	\$97.52
Technician I	Provide materials testing services	\$86.25
Design Technician III	Develop transportation design in CAD	\$139.83
Design Technician II	Develop transportation design in CAD	\$118.26
Design Technician I	Develop transportation design in CAD	\$93.46
Graphic Designer/Drone Operator	Develop graphic work for public involvement/stakeholder materials	\$138.63
Project Control/Admin	Provide accounting/invoicing services	\$122.72

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



**REIMBURSABLE EXPENSES**Sub: RockSol Consulting Group, Inc.

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

**Actual Costs**

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

## EXHIBIT B-1

**Firm Name: San Engineering, LLC**

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

**SUB TEAM MEMBERS**Sub: SHANNON & WILSON, INC.

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

Title/Classification	Responsibilities	Rate/Hr.
Senior Vice President	QA/QC, specialized technical expertise	\$330
Vice President	Senior level review, Principal-in-Charge	\$280
Senior Associate	Project Management. Develop project, cost, schedule and assign tasks, track progress, review submittals, oversee other staff.	\$240
Associate	Project Management. Develop project, cost, schedule and assign tasks, track progress, review submittals, oversee other staff.	\$210
Sr. Professional III	Geotechnical engineering design and preparation of reports. Pavement design. Construction observation of drilled caissons and other foundation elements.	\$185
Sr. Professional II	Geotechnical engineering design and preparation of reports. Pavement design. Construction observation of drilled caissons and other foundation elements.	\$170
Sr. Professional I	Geotechnical engineering design and preparation of reports. Pavement design. Construction observation of drilled caissons and other foundation elements.	\$150
Professional IV	Geotechnical Investigations, including soil borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements.	\$135
Professional III	Geotechnical Investigations, including soil borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements..	\$125
Professional II	Geotechnical Investigations, including soil borings and visual classification of soils. Construction	\$115

## EXHIBIT B-1

	observation of drilled caissons, driven piles, and other foundation elements..	
Professional I	Geotechnical Investigations, including soil borings and visual classification of soils. Construction observation of drilled caissons, driven piles, and other foundation elements..	\$105
Sr. Technician	Lead Inspector. Field inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties. QA/QC for conformance of materials, supplies, etc. to contract documents.	\$130
Technician IV	Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.	\$120
Technician III	Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.	\$110
Technician II	Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.	\$90
Technician I	Field Inspection/testing of soil subgrade preparation, asphalt, concrete, reinforcing steel, masonry, and spray-applied fireproofing. Construction observation of drilled caissons, driven piles, and other foundation elements. Laboratory testing for soil properties.	\$80
Sr. Drafter	Drafting (CADD/GIS)	\$150
Drafter III/IV	Drafting (CADD/GIS)	\$130
Drafter I/II	Drafting (CADD/GIS)	\$110

## EXHIBIT B-1

Senior Office Services	Prepare invoices and compliance reports.	\$140
Admin. III/IV	Format, print, and assemble technical reports and other deliverables.	\$110
Admin. I/II	Format, print, and assemble technical reports and other deliverables.	\$90

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

**REIMBURSABLE EXPENSES**Sub: SHANNON & WILSON, INC.

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

**Actual Costs**

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>0.50</u> / each
Copies (8 1/2 x 14")	\$ <u>1.00</u> / each
Red-line copies	\$ <u>NA</u> / S.F.
Reproducibles	\$ <u>NA</u> / page



EXHIBIT B-1

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



**REIMBURSABLE EXPENSES**

Sub: Shrewsberry & Associates, LLC

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

**Actual Costs**

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



**REIMBURSABLE EXPENSES**

Sub: Gina Sofola & Associates

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

**Actual Costs**

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

**SUB TEAM MEMBERS**Sub: VIVID Engineering Group Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
Principal-in-Charge	Oversight of delivery and project execution	\$210
Sr. Project Manager	Management of project, staffing, invoicing, progress reporting	\$210
Senior Engineer	Leading analysis, investigation and design elements	\$210
Staff Engineer	Field and support efforts to design elements	\$125
Project Manager	Support PM duties	\$150
Senior Geologist	Lead field investigations, analysis, recommendations	\$150
Staff Geologist	Conduct field investigations, testing, analysis	\$80
Sr. Construction Manager	Prepare cost estimates, review bid package	\$170
Sr. Construction Inspector	Review plans and specifications for compliance	\$110
Construction Inspector	Review plans and specifications for compliance	\$95
Jr. Construction Inspector/Tester	Construction observation and materials testing	\$70
Administrative Assistant	Administrative duties on the project	\$68

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

**REIMBURSABLE EXPENSES**

Sub: VIVID Engineering Group Inc.

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

**Actual Costs**

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

**SUB TEAM MEMBERS**

Sub: Yeh and Associates, Inc.

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

<b>Title/Classification</b>	<b>Responsibilities</b>	<b>Rate/Hr.</b>
Principal	Ensure project receives all needed support. Review Schedule, budget.	\$240.00
Senior Project Manager	Responsible for day-to-day management of large projects	\$230.00
Project Manager	Responsible for day-to-day management of limited scope projects	\$205.00
Senior Project Engineer /Geologist	Performs engineering/geological investigations.	\$180.00
Project Engineer / Geologist	Performs investigations, prepares reports.	\$155.00
Staff Engineer / Geologist	Performs calculations, sketches, checks drawings supplied by others.	\$135.00
Engineer / Geologist Intern	Performs calcs, sketches, and works with the supervision of an engineer.	\$ 85.00
Resident Construction Engineer	Manage, schedule, and deliver construction projects. Licensed	\$230.00
Construction Manager	Management of limited scope projects Non- licensed	\$205.00
Construction Observer 3	Inspects construction, submits daily field reports.	\$165.00
Construction Observer 2	Provide Construction Inspection services, written field reports	\$150.00
Construction Observer 1	Provide Construction Inspection services, written field reports	\$130.00
Technician Leader/Supervisor	Provides quality control for field project documentation	\$165.00
Laboratory Supervisor	Organizes and oversees all lab activities for materials testing.	\$150.00
Technician 3	Conducts tests on soils, concrete, asphalt. Fully certified	\$120.00
Technician 2	Samples and tests asphalt, concrete, aggregate, and soils.	\$105.00
Technician 1	Samples and tests asphalt, concrete, aggregate, and soils.	\$ 95.00
CAD Designer	Prepares conceptual studies and designs	\$160.00
CAD Technician	Assists in preparing CAD designs	\$105.00
Project Controller	Monthly B2G audit reporting, prompt payment, MWBE compliance	\$165.00
Administrative Assistant	Contract Coordination, Invoicing, audit reporting	\$ 95.00

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**REIMBURSABLE EXPENSES**

Sub: **Yeh and Associates, Inc.**

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

**Actual Costs**

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$0.00 / each
Copies (8 1/2 x 14")	\$0.00 / each
Red-line copies	\$0.00 / S.F.
Reproducibles	\$0.00 / page
Mileage outside the Denver Metro area	\$ current IRS mileage rate