

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 **MICHAEL BAKER INTERNATIONAL, INC.**, a Pennsylvania corporation registered to do business in Colorado, whose address is 165 South Union Blvd, Suite 1000, Lakewood, CO 80228 (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 **TWELVE MILLION DOLLARS AND ZERO CENTS (\$12,000,000.00)**. 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.

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[SIGNATURE PAGES FOLLOW]

Contract Control Number: DOTI-202369361-01 [202056614-01]
Contractor Name: Michael Baker International, 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

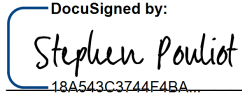
By:

By:

By:

Contract Control Number:
Contractor Name:

DOTI-202369361-01 [202056614-01]
Michael Baker International, Inc.

By:  18A543C3744E4BA...

Name: Stephen Pouliot
(please print)

Title: Vice President | Office Executive
(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
General Civil/Roadway Design	1	\$4,500,000.00	20%

Short Description:

Design for larger, multi-disciplinary civil and/or roadway projects

Definition:

Work in this category is related to the design of larger, multi-disciplinary civil and/or roadway widening or reconstruction projects. Multi-disciplinary projects will contain several significant scope elements that prevent the use of a specific category. Significant sidewalk design projects will be included in this category. Tasks and deliverables to support civil/roadway design are included.

Primary Scope Elements:

- Design for multi-disciplinary projects. Could include roadway/intersection, drainage, traffic, bridges, underpasses, etc.
- Design for roadway improvement projects
- Design for significant sidewalk improvement projects with Right of Way impacts or other major site constraints
- Design for median improvements
- Design for ADA compliance
- Plan, specification and cost estimate preparation
- Construction support

Secondary Scope Elements:

- General requirements required in the contract
- Stakeholder coordination (CDOT, RTD, other counties, etc...)
- Staff augmentation
- Project Management
- Development of Right of Way plans, legal descriptions, and exhibits
- Geotechnical investigations
- Survey
- Lighting
- Environmental research and testing (Phase 1 and MMP)
- Railroad coordination
- Grant writing and management
- Permitting
- Subsurface utility engineering and coordination
- Public involvement
- Additional tasks as required

Skills and Requirements:

- General Civil or roadway design experience
- Current design software
- Experience with current design codes and standards
- Licensure and certifications commiserate with the work, per typical industry standards, requirements, and expectations

Exhibit A-1

Category Name	Category Number	Category Amount	M/WBE Goal Commitment
Bridge Inspection	3	\$1,000,000.00	20%

Short Description:

Inspections and data collection for bridge, culvert, and retaining wall structures

Definition:

Work in this category is related to the inspection of existing roadway and pedestrian bridges, culverts, retaining walls and occasional special structures. Tasks include cyclical, routine inspections as well as special or emergency inspections. Equipment and software necessary to collect and provide the data are included in the work. Bridge designs will be addressed in another category.

Primary Scope Elements:

- Field data collection for structural inspections
- Report preparation for structural inspections (containing EI and SI&A information, past ratings, sketches, and other pertinent documentation)
- Delivering data in excel format that can be uploaded into CCD asset management system
- Non-destructive testing techniques
- Scour analysis and report
- Load ratings
- Identification of essential repair findings (per the CDOT inspection manual)

Secondary Scope Elements:

- General requirements required in the contract
- Staff augmentation
- Railroad coordination
- Permitting
- Additional tasks as required

Skills and Requirements:

- Bridge inspection experience
- Ability to perform non-standard inspections (railroad, underwater, confined space, fracture critical, and rope/climbing access)
- Certifications necessary for all potential inspection conditions listed above
- Ability to coordinate and obtain access permits from CDOT, railroads, and RTD/DTO
- Ability to read structural plans
- Technical writing
- Familiarity with current FHWA and CDOT coding guides

Exhibit A-1

Category Name	Category Number	Category Amount	M/WBE Goal Commitment
Traffic Engineering	7	\$2,500,000.00	25%

Short Description:

Design of traffic signal and intersection improvements

Definition:

Work in this category is related to the design of new and replacement traffic signal infrastructure, associated intersection improvements, and traffic studies. Designs related specifically to traffic control, signing, and striping are also included in this category. Tasks and deliverables to support traffic engineering are included.

Primary Scope Elements:

- Signal design and timing (including signal work orders)
- Corridor retiming design
- Signing and striping
- Traffic analysis/modeling
- Traffic data collection
- Preparation of traffic impact and warrant studies
- Traffic control design/construction phasing plans
- Design for ADA compliance
- Construction support, including shop drawing review
- Plan, specification and cost estimate preparation

Secondary Scope Elements:

- General requirements required in the contract
- General civil improvements associated with intersection and roadway work (ex. ramps, sidewalks, curb and gutter, bulbouts and roadway widening, etc.)
- Development of Right of Way plans
- Staff augmentation
- Project Management
- Geotechnical investigations
- Survey
- Environmental research and testing
- Utility engineering and coordination
- Minor storm sewer improvements
- Grant writing and management
- Permitting
- Public involvement
- Additional tasks as required

Skills and Requirements:

- Traffic engineering experience including signal/corridor timing plans
- Expertise utilizing current traffic analysis/modeling software including Synchro, True Traffic and VISSIM for traffic studies
- Experience with current design codes and standards

Exhibit A-1

Category Name	Category Number	Category Amount	M/WBE Goal Commitment
Wastewater Planning and Design	12	\$4,000,000.00	20%

Short Description:

Plan and design of storm, sanitary, waterway, and water quality systems

Definition:

Work in this category is related to the planning and design for storm, sanitary, waterway and water quality systems. These systems will include small neighborhood systems, and large, complex, multi-discipline focus basin systems within confined urban corridors. The work may also include providing construction support. Tasks and deliverables to support wastewater planning and design are included.

Primary Scope Elements:

- Storm and sanitary master planning
- Storm and sanitary design
- Water quality planning and design
- Hydraulic and hydrologic planning and design
- Plan, specification, and cost estimate preparation
- Project management
- Construction support

Secondary Scope Elements:

- General requirements required in the contract
- Staff augmentation
- Landscape architecture and urban design
- Structural (primarily underground) design
- Geotechnical investigations
- Ground water testing and treatment design
- Survey
- Environmental research and testing
- Utility engineering and coordination
- Railroad coordination
- Permitting
- Real estate
- Public involvement
- Grant writing and management
- Construction support services
- Additional tasks as required

Skills and Requirements:

- Storm and sanitary experience
- Technical writing
- Current industry standard stormwater design software
- Experience with current design codes and standards

Exhibit B-1

Category 1 - General Civil/Roadway Design
 Category 3 - Bridge Inspection
 Category 7 - Traffic Engineering
 Category 12 - Wastewater Planning and Design

PRIME TEAM MEMBERS

Prime: Michael Baker International

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.
Office Executive/Principal	Manages the office operations. Provides leadership and oversight to the Technical Managers. Assures commitment of office resources. Monitors quality, client satisfaction and resolves issues as needed.	\$289
Department Manger III	Department Management. Provides leadership and oversight of department processes and project management. Manages department resource assignments and commitments. Assures that qualified staff at the appropriate classification are assigned to tasks.	\$254
Department Manger II		\$240
Department Manger I		\$230
Project Manager IV	Task management. Technical lead on projects. QA/QC and technical reviews of deliverables. Coordination with project stakeholders. Preparation and review of project documentation and submittals. Main point of contact for clients, projects and tasks.	\$210
Project Manager III		\$204
Project Manager II		\$181
Project Manager I		\$167
Civil Engineer IV	Task technical leads. Mid to senior level. Responsible for engineering design and analysis. Oversight of Civil Associates and Designers. Preparation of plans, exhibits, reports, and cost estimates.	\$172
Civil Engineer III		\$158
Civil Engineer II		\$145
Civil Engineer I		\$125
Civil Associate IV	Responsible for engineering design and analysis under the supervision of an Engineer. Entry to junior level. Assist with preparation of plans, exhibits, reports, and cost estimates.	\$120
Civil Associate III		\$116
Civil Associate II		\$112
Civil Associate I		\$100
Technical Specialist V	Responsible for technical analysis, calculations, design, evaluations, and inspections in a specific area of expertise. Performs under supervision of the Project Manager or Engineer.	\$164
Technical Specialist IV		\$156
Technical Specialist III		\$139
Technical Specialist II		\$118
Technical Specialist I		\$100
Designer IV	Preparation and conceptual designs, plans, and exhibits. Assist with CAD support and with preparing reports,	\$158
Designer III		\$145

Exhibit B-1

Category 1 - General Civil/Roadway Design
 Category 3 - Bridge Inspection
 Category 7 - Traffic Engineering
 Category 12 - Wastewater Planning and Design

Prime: Michael Baker International

Designer II	quantities, and cost estimates under the supervision of an Engineer.	\$120
Designer I		\$99
GIT Supervisor	GIS database creation, modification, analysis and graphics preparation. Website creation and maintenance.	\$165
GIS Specialist II		\$141
GIS Specialist I		\$135
GIS Associate III		\$130
GIS Associate II		\$115
GIS Associate I		\$95
CADD Manager		Preparation of CAD drawings, maps, and exhibits.
CADD Technician IV	\$126	
CADD Technician III	\$95	
CADD Technician II	\$89	
CADD Technician I	\$80	
Sr. Planner	Task technical planning leads. Responsible for planning level tasks, data collection and analysis, coordination with designers and engineers. Assist with preparation of reports.	\$160
Planner III		\$140
Planner II		\$120
Planner I		\$105
Administrative Support	Administrative tasks and assistance.	\$90
Intern	Assisting with planning, engineering design and CAD tasks.	\$65
Project Control Specialist	Project accounting, project set-up, maintenance and close-out.	\$146

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

Exhibit B-1

Category 1 - General Civil/Roadway Design
Category 3 - Bridge Inspection
Category 7 - Traffic Engineering
Category 12 - Wastewater Planning and Design

REIMBURSABLE EXPENSES

Prime: Michael Baker International

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")	\$0.10/ each
Copies (8 1/2 x 14")	\$0.10/ each
Red-line copies	At Cost
Reproducibles	At Cost

Exhibit B-1**SUB TEAM MEMBERS**Prime: ACL, Inc. / Category #1 General Civil/Roadway Design

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

Title/Classification	Responsibilities	Rate/Hr.
Principal/President	Assignment of resources, quality assurance	\$185
Principal/Vice President	Assignment of resources, quality assurance	\$182
Engineering Specialist	Engineering technical specialist	\$180
Senior Project Manager	Project management, budget, coordination	\$178
Project Manager	Project management, budget, coordination	\$173
Senior Project Engineer	Design, analysis, drawings, studies, specs, estimate, reports	\$168
Project Specialist	Project specific support, data analysis, reports	\$163
Project Engineer	Design, analysis, drawings, studies, reports	\$160
Engineer III	Design, analysis, drawings, studies, reports	\$155
Engineer II	Design, analysis, drawings, studies, reports	\$150
Engineer I	Design, analysis, drawings, studies, reports	\$147
Senior Designer	CADD management, design, exhibits, plan management	\$132
Designer II	CADD, preparation of drawings, maps, exhibits, figures	\$128
Designer I	CADD, preparation of drawings, maps, exhibits, figures	\$122
Technician II	CADD, preparation of drawings, data collection	\$118
Technician I	CADD, preparation of drawings, data collection	\$115
Administrative Assistant	Administrative Support	\$110

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

Exhibit B-1

REIMBURSABLE EXPENSES

Prime: ACL, 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>0.25</u> / each
Red-line copies	\$ <u>Invoice</u> / S.F.
Reproducibles	\$ <u>Invoice</u> / page

Exhibit B-1**Attachment 1****SUB-CONSULTANT TEAM MEMBER****Firm Name:** Alta Planning + Design, Inc. / Category #1 General Civil/Roadway Design

Category #7 Traffic Engineering

Title/Classification	Responsibilities	Rate/Hr.
Principal, Executive Principal	Multimodal Principal (Bike, Ped, Transit) providing strategic review and project support	\$320/hour
Sr. Associate, Principal, Executive Principal	Multimodal Senior Associate Engineer; Multimodal (Bike, Ped, Transit) Lead, QA/QC	\$270/hour
Associate II, Sr. Associate, Director, Principal	Multimodal Engineering Associate; Multimodal (Bike, Ped, Transit) and Traffic Engineering, construction document production, traffic analysis	\$210/hour
Associate II, Sr. Associate, Director, Principal	Planning Associate; Vision Zero and Transportation Planning Lead, QA/QC	\$210/hour
Associate I, Associate II, Sr. Associate	Multimodal Engineer; Assistance on Multimodal (Bike, Ped, Transit) tasks, construction document production, traffic analysis	\$195/hour
Associate I, Associate II, Sr. Associate	Multimodal Engineer; Assistance on Multimodal (Bike, Ped, Transit) tasks, construction document production, traffic analysis	\$195/hour
Level III, Associate I, Associate II	Web Development and Maintenance for Public Input	\$165/hour
Level III, Associate I, Associate II	Multimodal Engineer; Assistance on Multimodal (Bike, Ped, Transit) tasks, construction document production, traffic analysis	\$165/hour
Level III, Associate I, Associate II	Designer; Landscape Architecture: Visualization	\$165/hour
Level I, Level II, Level III	Planner; Vision Zero and Transportation Planning	\$120/hour
Administration	Administration, billing and project controls support	\$110/hour
Intern	Multimodal Engineer; Assistance on Multimodal (Bike, Ped, Transit) tasks, construction document production, traffic analysis	\$90/hour

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.

Exhibit B-1**SUB TEAM MEMBERS**

Sub: Atkins North America, Inc. / Category #12 Wastewater Planning and Design

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.
Sector Manager	Manages, directs and controls the operations of a Sector of a Business Unit of the firm. Provides leadership, direction and guidance to managers.	\$360.00
Principal	Manages, directs and controls the operations of a large operating unit of the firm. Provides leadership, direction and guidance to managers.	\$340.00
Program Manager	Senior leader for entire program providing direction and supervision to all program staff. Responsible for directly reporting to client manager.	\$325.00
Division Manager	Manages, directs and controls the operations of a Division of a Business Unit of the firm. Provides leadership, direction and guidance to managers.	\$300.00
Sr. Project Director	Manages complex and unconventional technology or delivery systems for multiple projects or portions of a program. Provides leadership, direction and technical guidance to managers.	\$285.00
Project Director	Manages complex and unconventional technology or delivery systems for a single significant project. Provides leadership, direction, and technical guidance to managers.	\$265.00
Sr. Group Manager	Supervises the staff and work production of a large technical work unit. Provides leadership, direction and technical guidance to staff to ensure that quality technical services are provided.	\$255.00
Group Manager	Supervises the staff and work production of a technical work unit. Provides leadership, direction and technical guidance to staff to ensure that quality technical services are provided.	\$225.00
Sr. Project Manager	Provides professional and project management expertise in the direction of highly unconventional projects requiring multiple technical units.	\$225.00
Project Manager II	Applies technical expertise and project management experience to manage project teams on conventional and unconventional projects.	\$195.00
Project Manager I	Applies technical expertise and project management experience to manage project teams on conventional projects.	\$175.00
Associate Project Manager	Under supervision, applies technical competency and project production experience to manage project teams on conventional, non-complex and smaller projects.	\$155.00
Sr. Engineer IV	Serves as a recognized technical specialist providing advice on the resolution of major technical problems of marked importance.	\$210.00
Sr. Engineer III	Applies technical competency and project production experience to manage project teams on conventional, non-complex and smaller projects.	\$190.00
Sr. Engineer II	Provides expertise of a seasoned engineer to all conventional aspects of functional area and applies advanced concepts and techniques to unconventional engineering problems	\$175.00
Sr. Engineer I	Applies full competency in conventional engineering work and broad knowledge of precedents in specialty area.	\$150.00
Engineer II	Under supervision, applies technical professional proficiency to investigation of engineering problems, coordination of project activities, and prep of preliminary plans and documents	\$120.00
Engineer I	Under supervision, performs routine engineering work while developing professional proficiency.	\$105.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.85.

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

Exhibit B-1**SUB TEAM MEMBERS**Sub: Atkins North America, 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). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Sr. Designer I	Provides design, production and coordination of construction plans and drawings in support of engineering projects.	\$145.00
CAD Designer	Provides design, production and coordination of construction plans and drawings in support of engineering projects.	\$125.00
Sr. CAD Technician	Provides design, production and coordination of construction plans and drawings in support of engineering projects.	\$110.00
CAD Design Technician	Under general supervision, provides expertise in the performance of computer-assisted design to support development, planning, transportation and other technical services.	\$90.00
Sr. Planner II	Provides the expertise of a seasoned planner, applying advanced concepts and techniques to unconventional problems.	\$170.00
Sr. Planner I	Applies full competency in conventional planning work and broad knowledge of precedents in functional area of assignment.	\$145.00
Planner II	Under supervision, applies technical professional proficiency to the solution of planning problems and the coordination of related project activities.	\$115.00
Planner I	Under supervision, performs routine planning assignments while developing professional proficiency.	\$100.00
Sr. GIS Analyst I	Applies full competency in GIS studies related to functional area of assignment. Plans and conducts GIS work related to detailed phases of a major project.	\$120.00
GIS Analyst II	Under supervision, applies technical professional proficiency to GIS studies and the coordination of related activities.	\$110.00
GIS Analyst I	Under supervision, performs standard GIS work while developing professional proficiency.	\$100.00
Sr. Landscape Architect	Provides the expertise of a seasoned landscape architect, applying advanced concepts and techniques to unconventional problems.	\$215.00
Landscape Architect II	Provides the expertise of a seasoned landscape architect, applying advanced concepts and techniques to unconventional problems.	\$135.00
Landscape Architect I	Under supervision, performs routine assignments in landscape architecture while developing professional proficiency.	\$115.00
Technical Coordinator	Provide assistance to technical professional or technical manager by coordinating/performing variety of technical duties requiring professional level technical knowledge and familiarity with engineering or related project work.	\$115.00
Sr. Program Assistant	Provide proficient administrative support of a complex and confidential nature. Relieve manager and staff of routine administrative matters.	\$95.00
Administrative Clerk	Provide proficient routine administrative support.	\$60.00
Sr. Resident Engineer	Under general supervision, researches and interprets contract requirements to determine whether construction work is proceeding in substantial compliance with plans, contracts, specifications and special provisions.	\$210.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.85.

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Exhibit B-1**SUB TEAM MEMBERS**Sub: Atkins North America, 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). Provide additional sheets as necessary.

Title/Classification	Responsibilities	Rate/Hr.
Sr. Project Engineer II	Provides direction in conventional and unconventional construction engineering to manage project construction observation and documentation activities, monitoring contractors' substantial compliance with contract. Personnel with engineering degree and/or license.	\$155.00
Sr. Project Engineer I	Organizes field observation and monitoring of contractors' substantial compliance with contracts so that project quality, cost control and established completion schedule are met by contractor. Personnel with engineering degree and/or license.	\$130.00
Sr. Construction Manager	Provides direction in all conventional and unconventional aspects of construction engineering to manage project construction observation and documentation activities, monitoring contractors' substantial compliance with contract, and determining project quality, cost and adherence to established completion schedule.	\$195.00
Construction Manager	Provides direction in all conventional aspects of construction engineering to manage project construction observation and documentation activities, monitoring contractors' substantial compliance with contract, and determining project quality, cost, and adherence to established completion schedule.	\$155.00
Associate Construction Manager	Organizes field observation and monitoring of contractors' substantial compliance with contracts so that project quality, cost control and established completion schedule are met by contractor.	\$140.00
Construction Management Representative II	Under supervision, observes the work of contractors involved in the construction of projects. Without a degree, twelve years related experience.	\$125.00
Construction Management Representative I	Under supervision, observes the work of contractors involved in the construction of projects. Without a degree, ten years related experience.	\$115.00
Sr. Field Representative II	Under general supervision, applies strong technical skills of a highly experienced field representative, researching and interpreting contract requirements to determine whether construction work is proceeding in substantial compliance with plans, contracts, specifications and special provisions.	\$125.00
Sr. Field Representative I	Under general supervision, researches and interprets contract requirements to determine whether construction work is proceeding in substantial compliance with plans, contracts, specifications and special provisions.	\$115.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.85 .

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Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Atkins North America, 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")	At cost/each
Copies (8 1/2 x 14")	At cost/each
Red-line copies	At cost/S.F.
Reproducibles	At cost/page

Exhibit B-1**SUB TEAM MEMBERS**

Sub: Bridge Diagnostics, Inc. / Category #3 Bridge Inspection

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

Title/Classification	Responsibilities	Rate/Hr.
Senior Engineer	Structural Analyses and load ratings	209.00
Staff Engineer	Model development, field testing	137.00
Senior Technician	Field testing	105.00
Associate Principal Engineer	PE directing structural analysis and load rating	265.00
Technician	Equipment testing, prep, field testing	101.00
Engineer	Model development and CAD	177.00
Principal Engineer	PE directing structural analysis and load rating	265.00
Administrative	Project administration	117.00
Graduate Engineer	CAD	105.00
Analyst	NDE Data Analysis	125.00
Senior Analyst	Complex NDE data analysis	150.00
Ropes Access Supervisor	Level 3 ropes access setup and rescue	135.00
Controller	Finance	299.00
SME	Subject matter expert	384.00

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: Bridge Diagnostics, 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

Exhibit B-C Category 1 - General Civil/Roadway Design
 Category 7 - Traffic Engineering
 Category 12 - Wastewater Planning and Design

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Clanton & Associates

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

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

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

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub-Consultant: Clanton & Associates

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

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

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

Actual Costs

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

Exhibit B-1

Category 1 - General Civil/Roadway Design
 Category 7 - Traffic Engineering

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.

Exhibit B-1

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

Exhibit B-1**SUB TEAM MEMBERS**Sub: Conzor Engineers, LLC - Previously Apex Design / Category #3 Bridge Inspection

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

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

Exhibit B-1

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

Exhibit B-1**SUB TEAM MEMBERS**

Sub: DHM Design / Category #12 Wastewater Planning and Design

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

Title/Classification	Responsibilities	Rate/Hr.
Principal	QA/QC, oversees entire team, attends meetings, main contact	\$190
Associate Principal	QA/QC, oversees team, attends meetings	\$150
Senior Associate	Works with design team, assists with specs and cost estimates	\$130
Associate	Works with design team, assists with conceptual to technical design	\$110
Senior Designer	Assists with CADD drafting and graphics	\$95
Designer	Assists with conceptual to technical design and graphic illustrations	\$90
Clerical	Assists with administrative and financial tasks	\$75

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Dig Studio, 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>.50</u> / each
Copies (11 X 17")	\$ <u>1.00</u> / each
Red-line copies	\$ <u>1.50</u> / S.F.
Reproducibles	\$ <u>15.00</u> / page

Exhibit B-1

Category 1 - General Civil/Roadway Design
 Category 3 - Bridge Inspection
 Category 7 - Traffic Engineering
 Category 12 - Wastewater Planning and Design

ATTACHMENT 2**PRIME TEAM MEMBERS**

Subconsultant: ERO Resources Corporation

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

Title/Classification	Responsibilities	Hourly Rate
Senior Principal	Manages activities and advises professional-level personnel concerned with contracts for large-scale, complex projects in a variety of resources including wetlands, biology, ecology, due diligence, cultural resources and paleontological resources. May have a bachelor's degree or higher and 25+ years of experience.	\$244.00
Project Principal	Manages activities and advises professional-level personnel for large-scale, complex projects in a variety of resources including wetlands, biology, ecology, due diligence, cultural resources and paleontological resources. May have a bachelor's degree or higher and 20+ years of experience.	\$223.00
Senior Project Manager	Manages activities and professional-level personnel for large-scale, complex projects. Manages scopes and cost estimates, and manages budgets and schedules, including for comprehensive programs and plans for development. May have bachelor's degree with 10+ years of experience.	\$182.00
Senior Project Biologist	Performs or conducts investigations, studies, biological assessments (BAs), biological evaluations (BEs), reports. Leads teams on medium to large scale projects. May have bachelor's degree or higher with 20+ years of experience.	\$180.00
Biologist I	Performs or conducts investigations, studies, BAs, BEs, reports. Leads small teams. May have bachelor's degree or higher with 15+ years of experience.	\$150.00
Biologist II	Performs investigations, studies, BAs, BEs and reports with some supervision. May lead small teams. May have bachelor's degree with 10+ years of experience.	\$124.00
Staff Biologist	Performs field sampling, data collection and research under limited supervision. May have a bachelor's degree with 5+ years of experience.	\$91.00
Biological Technician	Performs field sampling and data collection under supervision. May have some college with 0-5 years of experience.	\$90
Natural Resources Technician	Performs field sampling and data collection under supervision. May have some college with 0-5 years of experience	\$75.00
Senior Environmental Planner	Develops scopes and cost estimates, and manages budgets and schedules, including for the comprehensive programs and plans for development of natural spaces. Lead teams or works independently and/or has supervisory responsibilities. Works on large/complex projects. May have a bachelor's degree or higher and relevant certification with 20+ years' experience.	\$203.00
Project Environmental Planner	Develops scopes and cost estimates and manages budgets and schedules. May lead small teams. May have a bachelor's degree or higher and relevant certification with 10+ years' experience.	\$178.00

Exhibit B-1

Title/Classification	Responsibilities	Hourly Rate
Staff Environmental Planner I	Develops scopes and cost estimates and manages budgets and schedules. May lead small teams. May have a bachelor's degree or higher and relevant certification with 10+ years' experience.	\$107.00
Senior Geoscientist	Oversees geoscientific projects including site and hazardous waste investigations, and project management for large/complex scale projects. Manages large teams for complex projects. May have a bachelor's degree or higher, relevant professional certifications, and has 20+ years' experience.	\$248.00
Geoscientist I	Designs, implements, manages small to medium projects including site assessments. Monitors progress of small to medium sized projects. May lead small teams. May have a bachelor's degree or higher, relevant professional certifications, and has 15+ years' experience.	\$175.00
Geoscientist II	Monitors, conducts, and completes site progress, designs, and reports. May have a bachelor's degree or higher, relevant professional certifications, and has 10+ years' experience.	\$155.00
Staff Geoscientist	Performs subsurface investigations and related work under limited supervision. May have a bachelor's degree or higher, relevant professional certifications, and has 5+ years' experience.	\$112.00
Geoscience Technician	Assists with investigations under supervision. May have a bachelor's degree or higher, relevant professional certifications, and 0-5 years' experience.	\$89.00
GIS/Graphics Specialist	Creates/maintains databases, maps, and graphics that can be combined with geographically referenced data, working with GIS software and programs that have the capacity to relate different types of data, such as socioeconomic, demographic, administrative, or political boundaries, land use, land cover, environmental, infrastructure, and transportation networks. Can work independently or as part of a team. Requires technical training.	\$156.00
GIS Technician	Works with GIS software and programs that have the capacity to relate different types of data, such as socioeconomic, demographic, administrative, or political boundaries, land use, land cover, environmental, infrastructure, and transportation networks. Can work independently or as part of a team. Requires technical training.	\$89.00
Cultural Resource Principal Investigator	Meets Secretary of the Interior Standards for permitting cultural resource projects. Oversees all aspects of cultural resource management.	\$199.00
Senior Cultural Resource Specialist	Manages large, complex archeological projects and leads teams. May have a bachelor's degree or higher and 20+ years of experience.	\$169.00
Project Cultural Resource Specialist	Uncovers archeological sites, and documents, itemizes, and studies unearthed items. Researches, categorizes, and interprets artifacts, architectural features, and types of structures recovered by excavation in order to determine age and cultural identity. Leads small teams. May have a bachelor's degree or higher and 15+ years of experience.	\$109.00
Staff Cultural Resource Specialist I	Assists with archeological projects with some supervision. May lead field teams. May have a bachelor's degree or higher and at least 10+ years of experience.	\$95.00

Exhibit B-1

Title/Classification	Responsibilities	Hourly Rate
Staff Cultural Resource Specialist II	Assists with archeological projects under limited supervision. May have a bachelor's degree or higher and 5+ years of experience.	\$91.00
Cultural Resource Technician	Assists with archeological projects under supervision. May have a bachelor's degree or higher with 0-5 years of experience.	\$72.00
Architectural Historian I	Assists with projects involving historical archaeology and structures of historical significance. May lead small teams. May have a bachelor's degree or higher and at least 10+ years of experience.	\$116.00
Architectural Historian II	Assists with projects involving historical archaeology and structures of historical significance with some supervision. May have a bachelor's degree or higher and 5+ years of experience.	\$109.00
Architectural Historian III	Assists with projects involving historical archaeology and structures of historical significance under limited supervision. May have a bachelor's degree or higher and 0-5 years of experience.	\$89.00
Word Processing/Editor	Refines work and coordinates activities of writers engages in preparing technical/scientific material for publication in conjunction with or independent from technical activities. May have a degree or technical training.	\$123.00
Administrative Staff	Responsible for maintaining critical business operations including reconciling accounts, accounting files, invoices, and various other items pertinent to the operation of a business. May have an associate's or bachelor's degree.	\$122.00
Clerical Staff	General office duties and performance of a variety of routine tasks for managing business operations. May have an associate's or bachelor's degree.	\$82.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.3.

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

Exhibit B-1

Category 1 - General Civil/Roadway Design
 Category 3 - Bridge Inspection
 Category 12 - Wastewater Planning and Design

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Geocal / Category #1 General Civil/Roadway Design

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

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

GEOCAL DOES NOT CHARGE FOR REIMBURSABLE EXPENSES.

Exhibit B-1

Category 1 - General Civil/Roadway Design
 Category 7 - Traffic Engineering
 Category 12 - Wastewater Planning and Design

SUB TEAM MEMBERS

Sub: HCL Engineering & Surveying, LLC

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

Title/Classification	Responsibilities	Rate/Hr.
Principal	Contract compliance/oversight	\$225.00
Director of Surveying & Mapping	Project management, responsible for project deliverables.	\$210.00
Senior Project Manager	Directs surveying operations, client coordination	\$190.00
Project Manager	Provides project supervision	\$180.00
SUE Manager	Directs SUE investigations, client coordination	\$190.00
Senior Project Surveyor	Provides calculation, reports and field oversight	\$165.00
Project Surveyor	In charge of field crews	\$135.00
Field Coordinator	In charge of field crews	\$155.00
Senior CAD Technician	Provides supervision of drafting of surveys	\$145.00
CAD Technician	Provides drafting of surveys	\$125.00
2-Man Crew - Party Chief	Organizes the efficiency of the field survey crew, calculates and records field data	\$160.00
2-Man Crew - Instrument Operator	Performs data collection/stake out with support	\$ 90.00
1-Man Crew - Party Chief	Organizes the efficiency of the field survey crew, calculates and records field data	\$160.00
Utility Locator	Performs utility locates	\$135.00
UAV Pilot	Performs robotic survey data collection	\$125.00
Administrative	Provides administration of project	\$110.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.96.

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: HCL Engineering & Surveying, LLC

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

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>0.10</u> / each
Copies (8 1/2 x 14")	\$ <u>0.14</u> / each
Red-line copies	\$ <u>1.00</u> / S.F.
Reproducibles	\$ <u>6.00</u> / page

Exhibit B-1

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: IDAX Data Solutions

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

Exhibit B-1**SUB TEAM MEMBERS**Sub: KDG Engineering LLC / Category #3 Bridge Inspection

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

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

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: KDG Engineering LLC

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

Actual Costs

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

Exhibit B-1

documents, record drawing reproductions, etc. are not included in the hourly rates will be itemized as a not-to-exceed expense, and will be reimbursed at actual cost.

Exhibit B-1**SUB TEAM MEMBERS**Sub: Livable Cities Studio / Category #1 General Civil/Roadway Design

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

Title/Classification	Responsibilities	Rate/Hr.
Principal 5	Responsible for strategic direction, vision and overall leadership for the company. Company executive.	\$ 250
Principal 4	Responsible for strategic direction, vision and overall leadership for the company. Company executive.	\$ 225
Principal 3	Responsible for strategic direction and company vision. A senior officer of the company; Project leadership. Extensive knowledge of design practices.	\$ 200
Principal 2	A senior officer of the company; Lead project and development of content. Extensive knowledge of design practices	\$ 180
Principal 1	A senior officer of the company; Lead project and development of content. Lead project and development of content, complex project management.	\$ 160
Senior Designer 2	Lead design and project management. Develops scopes and budgets. Provides day-to-day technical management.	\$155
Senior Designer 1	Lead design and project management. Develops scopes and budgets. Provides day-to-day technical management.	\$145
Designer 6	Project management. Develops scopes and budgets. Provides day-to-day technical management of task. Development of content and technical design.	\$140
Designer 5	Project management. Develops scopes and budgets. Provides day-to-day technical management of task. Development of content and technical design.	\$130
Designer 4	Project management. Development and advancement of design content.	\$115
Designer 3	Some project management, design production and technical design resolution.	\$100
Designer 2	Design production. Research and design production.	\$90
Designer 1	Performs design production work directed by mid and senior level staff.	\$80
Administrative Support	Provides a wide variety of administrative and staff support services.	\$100
Intern	Students in a design discipline who assists with project development under the direction of design professional.	\$75

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.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Livable Cities Studio

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")	\$0.10/ each
Copies (8 1/2 x 14")	\$0.10/ each
Red-line copies	At Cost
Reproducibles	At Cost

Exhibit B-1**SUB TEAM MEMBERS**Sub: Navjoy Consulting Services, Inc. / Category #7 Traffic Engineering

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	Overall responsibility	\$268.22
Project Manager	Overall responsibility for quality, timelines & assignment of resources	\$170.21
IT Network Manager	IT Network and Planning	\$168.96
Task Manager	Responsible for tasks	\$140.80
Senior Project Coordinator	Lead project coordination	\$84.48
Project Coordinator	Assist with project coordination	\$61.93
Senior Data Analyst	Lead analytic support	\$84.48
Data Analyst	Analytic support	\$61.93
Lead Field Technician	Lead and conduct field work	\$84.48
Field Technician	Conduct field work	\$73.22
Marketing Manager	Lead marketing support	\$84.48
Graphic Designer	Graphic support	\$61.93

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Navjoy Consulting Services, 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>0.25</u> / each
Copies (8 1/2 x 14")	\$ <u>0.25</u> / each
Red-line copies	\$ <u>1.00</u> / S.F.
Reproducibles	\$ <u>2.00</u> / page

Exhibit B-1Category 1 - General Civil/Roadway Design
Category 12 - Wastewater Planning and Design**SUB TEAM MEMBERS**Sub: OV Consulting

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	Project Management, Transportation Management, Mobility Planning, Design, Strategic Outreach	\$200
Project Manager	Project Management, Transportation & Urban Planning, Transportation Engineering	\$170
Senior Engineer	Transportation & Urban Engineering	\$165
Engineer II	Transportation & Urban Engineering	\$140
Engineer I	Transportation & Urban Engineering	\$125
Senior Planner	Transportation & Urban Planning	\$145
Planner II	Transportation & Urban Planning	\$130
Planner I	Transportation & Urban Planning	\$120
Planning Analyst	Analysis	\$95
GIS Analyst	GIS, Data Review	\$95
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	\$40
Intern	Varying support tasks	\$35

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: OV Consulting

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

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>0.20</u> / each Black/White, \$1.00 each Color
Copies (11 x 17")	\$ <u>2.00</u> / each
Large format plotter prints	\$ <u>6.00</u> / S.F.
Reproducibles	\$ <u>1.00</u> / page

Exhibit B-1**SUB TEAM MEMBERS**

Sub: Peters and Yaffee, Inc. / Category #7 Traffic Engineering

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 Engineer	PE with 20+ years of post registration experience. Will perform as an oversight role (over resources and team).	\$336.00
Chief Engineer	PE with 20+ years of post registration experience. Will perform as a technical discipline oversight role.	\$249.62
Senior Engineer	PE with 15+ years of post registration experience. Individual is not discipline lead – in production role.	\$204.40
Project Engineer 2	PE with 5+ years of post registration experience.	\$189.49
Project Engineer 1	PE with 0+ years of post registration experience.	\$147.65
Engineering Intern	Entry level w/ engineering degree; EI License required. Will perform preliminary engineering and production support.	\$121.12
Engineering Tech.	Entry level, with 0-4 years of experience. Will perform preliminary production support.	\$102.71
Senior Designer	15+ years of design experience, non-registered. Will perform final production support.	\$118.95
Design Intern	Enrolled in BSCE. Will perform preliminary production support.	\$70.40

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

Exhibit B-1**REIMBURSABLE EXPENSES**Sub: Peters and Yaffee, 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 / each
Copies (8 1/2 x 14")	\$ 0 / each
Red-line copies	\$ 0 / S.F.
Reproducibles	\$ 0 / page

Exhibit B-1

SUB TEAM MEMBERS

Category 1 - General Civil/Roadway Design
Category 7 - Traffic Engineering
Category 12 - Wastewater Planning and Design

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.

Exhibit B-1

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

Exhibit B-1

Category 1 - General Civil/Roadway Design
 Category 7 - Traffic Engineering
 Category 12 - Wastewater Planning and Design

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.

Exhibit B-1

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.

Exhibit B-1Category 1 - General Civil/Roadway Design
Category 12 - Wastewater Planning and Design**SUB TEAM MEMBERS**Sub: SurvWest, 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.
Survey Division Manager	Oversight of Survey Division company wide	\$ 270.00
Survey Director	Oversight of surveying, technical direction	\$ 238.00
SUE Division Manager	Oversight of SUE division company wide	\$ 270.00
SUE Engineering Director	Oversight of engineering design and quality, technical design direction	\$ 238.00
Project Manager IV	Oversight of project schedule and budget, execution of scope	\$ 225.00
Project Manager III	Oversight of project schedule and budget, execution of scope	\$ 215.00
Project Manager II	Oversight of project schedule and budget, execution of scope	\$ 200.00
Project Manager I	Oversight of project schedule and budget, execution of scope	\$ 185.00
EIT III	Assist with the design and engineering calculations under the supervision of a licensed engineer	\$ 168.00
EIT II	Assist with the design and engineering calculations under the supervision of a licensed engineer	\$ 160.00
EIT I	Assist with the design and engineering calculations under the supervision of a licensed engineer	\$ 150.00
Surveyor II	Assist with the survey calculations under the supervision of a licensed surveyor	\$ 168.00
Surveyor I	Assist with the survey calculations under the supervision of a licensed surveyor	\$ 158.00
Senior CAD Technician	Performs drafting and technical drawings	\$ 155.00
CAD Technician IV	Performs drafting and technical drawings	\$ 135.00
CAD Technician III	Performs drafting and technical drawings	\$ 125.00
CAD Technician II	Performs drafting and technical drawings	\$ 118.00
CAD Technician I	Performs drafting and technical drawings	\$ 105.00
Senior Field Surveyor	Performs field surveying activities	\$ 125.00
Junior Field Surveyor	Performs field surveying activities	\$ 95.00
Field Coordinator	Oversight of designation process, directs field staff, high level knowledge of equipment, conditions and technical expertise	\$ 155.00
Senior Designator	Oversight of designation process, directs field staff, high level knowledge of equipment, conditions and technical expertise	\$ 132.00
Junior Designator	Performs designation activities, operates associated equipment	\$ 112.00
Senior Vac Technician	Performs test hole and locating activities, operates associated equipment	\$ 100.00

Exhibit B-1

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

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

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

Exhibit B-1**REIMBURSABLE EXPENSES**Sub: SurvWest, LLC

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

Actual Costs

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

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

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

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

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

SUB TEAM MEMBERS

Sub: Terracon Consultants, Inc. / Category #3 Bridge Inspection

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.
Subject Matter Expert/Sr. Consultant	provide specialized expertise as-needed for complex projects	\$290.00
Senior Architect/FAC Engineer	provide specialized expertise as-needed for complex projects	\$235.00
Principal/Department Manager	provide high-level expertise or additional resources	\$225.00
Senior Engineer, Senior PM, Certified Industrial Hygienist	provide senior level project management	\$205.00
Senior Geologist/Scientist	provide senior level field support, report development	\$195.00
Senior Industrial Hygienist, Certified Safety Professional, Project Architect	provide project support requiring certified professionals	\$195.00
Project Engineer	provide support requiring licensed engineering	\$180.00
Project Geologist/Scientist, Project Manager	provide project management on typical projects	\$165.00
Senior Staff Engineer	provide high-level field management/support, typical report preparation	\$160.00
Senior Staff Geologist/Scientist	provide high-level field management/support, typical report preparation	\$150.00
Staff Engineer/Architect, Industrial Hygienist/Asbestos Professional	provide field support, typical report preparation requiring certified professionals	\$135.00
Staff Geologist/Scientist	provide field support, typical report preparation requiring certified professionals	\$125.00
Senior Administrative Staff	provide high-level invoicing, compliance coordination	\$125.00
Field Engineer/Geologist/Scientist/ Professional	provide field support	\$120.00
CWI, IFC, Wood Framing, Fireproofing Inspectors	provide certified field inspections for specialized scopes of work	\$115.00
CAD or GIS Operator/Engineering Draftsperson	provide CAD/GIS-related support as-needed	\$110.00
Asbestos/LBP Inspector/(CABI)/AMS/ Industrial Hygienist	provide sampling and oversight services in-field	\$100.00
Special Inspector	provide field inspections for specialized scopes of work	\$90.00
Administrative Staff	provide scheduling and accounts receivable/invoice support	\$85.00
Technician	provide field support	\$80.00

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Terracon Consultants, 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

Category 1 - General Civil/Roadway Design
 Category 7 - Traffic Engineering

SUB TEAM MEMBERS

Sub: Transportation Resource Services, Inc., dba TRS Corp.

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/ Project Manager	Develop and maintain project schedules, assist with acquisition strategies, provide daily oversight, lead progress meetings and coordinate with sub-consultants as needed.	\$ 172.50
Sr. Right of Way Agent	Property owner outreach, title review, facilitate right of way acquisition process, and serve as primary negotiator. for complex transactions.	\$ 131.25
Right of Way Agent	Property owner outreach, facilitate right of way acquisition process, and serve as negotiator for standard transactions.	\$ 120.00
Administration/Quality Control	Project document control and quality assurance. Development of notices, offers and contracts. Monitor project progress and provide status updates.	\$ 70.00

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Transportation Resource Services, Inc., dba TRS Corp.

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")	\$NA/ each
Copies (8 1/2 x 14")	\$NA/ each
Red-line copies	\$NA/ S.F.
Reproducibles	\$NA/ page

Exhibit B-1

Category 1 - General Civil/Roadway Design

Category 3 - Bridge Inspection

Category 7 - Traffic Engineering

SUB TEAM MEMBERS

Category 12 - Wastewater Planning and Design

Sub: TRIUNITY, 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.
Executive Administration Support	Executive Administration and Clerical Support	\$100.00
Administration Support	Administration and Clerical Support	\$85.00
Civil Engineer Lead	Civil design	\$240.00
Civil Engineer 3	Civil design	\$185.00
Civil Engineer 2	Civil design	\$125.00
Civil Engineer 1	Civil design	\$100.00
Civil/Structural Inspector Lead	Civil/Structural Field Inspections	\$190.00
Civil/Structural Inspector 2	Civil/Structural Field Inspections	\$150.00
Civil/Structural Inspector 1	Civil/Structural Field Inspections	\$140.00
Construction Manager Lead	Construction Management	\$255.00
Construction Manager 2	Construction Management	\$215.00
Construction Manager 1	Construction Phasing, Constructability Reviews	\$195.00
Construction Safety	Construction Field Safety	\$220.00
Document Control Specialist 2	Document Control Specialist	\$200.00
Document Control Specialist 1	Document Control Specialist	\$150.00
Document Control Support	Document Control Support	\$110.00
Drafting Lead	CAD & Drafting	\$145.00
Drafter 2	CAD & Drafting	\$130.00
Drafter 1	CAD & Drafting	\$115.00
Electrical Engineer Lead	Electrical and Systems Engineering	\$240.00
Electrical Engineer 2	Electrical and Systems Engineering	\$180.00
Electrical Engineer 1	Electrical and Systems Engineering	\$150.00
Electrical Inspection Lead	Electrical Field Inspections	\$150.00
Electrical Inspection 2	Electrical Field Inspections	\$125.00

Exhibit B-1

Electrical Inspection 1	Electrical Field Inspections	\$100.00
ITS/Traffic Senior	Traffic and ITS Design and Analysis	\$220.00
ITS/Traffic Engineer 3	Traffic and ITS Design and Analysis	\$165.00
ITS/Traffic Engineer 2	Traffic and ITS Design and Analysis	\$125.00
ITS/Traffic Engineer 1	Traffic and ITS Design and Analysis	\$100.00
ITS/Traffic EIT	Traffic and ITS Design and Analysis	\$90.00
Project Controls Manager 2	Project Management, Project Controls Lead	\$270.00
Project Controls Manager 1	Project Management, Project Controls Lead	\$235.00
Project Controls 2	Scheduling, Estimating, Contract Admin	\$190.00
Project Controls 1	Scheduling, Estimating, Contract Admin	\$160.00
Project Controls Support	Scheduling, Estimating, Contract Admin	\$140.00
Chief Estimator	Estimating	\$275.00
Estimator 2	Estimating	\$235.00
Estimator 1	Estimating	\$170.00
Project Manager Senior	Project Management Functions	\$290.00
Project Manager 3	Project Management Functions	\$275.00
Project Manager 2	Project Management Functions	\$220.00
Project Manager 1	Project Management Functions	\$165.00
Assistant Project Manager	Project Management Functions	\$125.00
Utility Coordinator Lead	Utility Coordination	\$225.00
Utility Coordinator 2	Utility Coordination	\$185.00
Utility Coordinator 1	Utility Coordination	\$140.00
Principal	Program Management Support and Oversight	\$335.00

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