

AMENDATORY DESIGN SERVICES AGREEMENT

This **AMENDATORY AGREEMENT** is made between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado (the “City”) and **WILSON & COMPANY, INC., ENGINEERS & ARCHITECTS** (the “Design Consultant” or “Consultant”), a Colorado limited liability company whose address is 1675 Broadway St., Suite 200, Denver, CO 80202.

RECITALS:

A. The Parties entered into a Design Services Agreement dated July 19, 2021 (the “Agreement”) to provide professional design services for the Project as set forth in the Agreement.

B. The Parties wish to amend the Agreement to amend the Scope of Work, extend the term, increase the Maximum Contract Amount and to make such other Amendments as are 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 and A-1...” as applicable. The Scope of Work marked as **Exhibit A-1** is attached and incorporated to the Agreement.

2. All references to “...Exhibit B...” in the Agreement shall be amended to read: “...”Exhibit B and B-1...” as applicable. Exhibit B-1 is attached and incorporated to the Agreement

3. Section 3 of the Agreement entitled “**COMPENSATION, PAYMENT, AND FUNDING**” Sub-section 3.05 (a) entitled “**Maximum Contract Amount**” is amended to read as follows:

“**3.05 Maximum Contract Amount.** (a) Notwithstanding any other provision of the Agreement, the City's maximum payment obligation will not exceed **ONE MILLION SIX HUNDRED SEVENTY-NINE THOUSAND NINE HUNDRED SIXTY- TWO DOLLARS AND ZERO CENTS (\$1,679,962.00)** (the "Maximum Contract Amount"). The City is not obligated to execute and Agreement or any amendments for any further services, including any services performed by Design Consultant beyond that specifically described in **Exhibit A and A-1**. Any services performed beyond those in Exhibit A and A-1 are performed at Consultant's risk and without authorization under the Agreement.”

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 Agreement will commence on August 1, 2021 and expire on December 31, 2026, unless sooner terminated upon final completion of the Project .”

5. Section 5 of the Agreement entitled “**GENERAL PROVISIONS**” Sub-section 5.06 entitled “**No Discrimination in Employment**” is deleted in its entirety and replaced with the following:

“**5.06 No Discrimination in Employment.** In connection with the performance of work under the Agreement, the Consultant may not refuse to hire, discharge, promote or 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, military status, sexual orientation, gender identity, gender expression, marital status, source of income, protective hairstyle, or disability. The Consultant shall insert the foregoing provision in all subcontracts.”

6. Section 5 of the Agreement entitled “**GENERAL PROVISIONS**” Sub-section 5.19 entitled “**No Employment of Illegal Aliens to Perform Work Under the Agreement**” is deleted in its entirety.

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

8. This Amendatory Design Services 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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Contract Control Number: DOTI-202368816-01 [202159138-01]
Contractor Name: WILSON & COMPANY, INC., ENGINEERS & ARCHITECTS

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

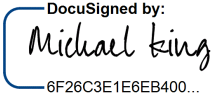
By:

By:

By:

Contract Control Number:
Contractor Name:

DOTI-202368816-01 [202159138-01]
WILSON & COMPANY, INC., ENGINEERS &
ARCHITECTS

By:  _____
DocuSigned by:
Michael King
6F26C3E1E6EB400...

Michael King

Name: _____
(please print)
Senior Vice President
Title: _____
(please print)

ATTEST: [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)

EXHIBIT A-1

Additional Scope of Work 1/09/2023
Project No. GO2018 Bond 2020-028

ADDITIONAL SCOPE OF WORK FOR FEDERALIZATION, CMGC DELIVERY, AND ADDITIONAL DSDC

PROFESSIONAL SERVICES FOR PROFESSIONAL ENGINEERING DESIGN SERVICES FOR JEWELL / EVANS STATION BICYCLE AND PEDESTRIAN BRIDGE PROJECT

**Project Control No. GO2018 Bond 2020-028
EBid Document No. 7363904**

SUMMARY

This additional scope of work is necessary to address changing conditions for the design and delivery of the Jewell/Evans Station Bicycle and Pedestrian Bridge Project. Two major changes are addressed: 1) Federal funding of the project has been granted, which includes oversight by CDOT and the need to meet CDOT and federal requirements; and 2) The CMGC project delivery method will be employed, which requires additional meetings, coordination, and potential design revisions driven by the selected Contractor.

The additional fee is described in the file: Jewell DSDC,Fed&CMGC CO Fee Estimate_010923.xlsx, dated Jan. 9, 2023, with a total additional fee of \$262,728.

The additional scope of work below is organized as follows:

- Task 1. Project Management
- Task 2. Environmental
- Task 3. ROW Plans and ROWPR
- Task 4. Additional CDOT Coordination
- Task 5. CMGC Tasks
- Task 6. DSDC

1. Project Management

Additional time will be required to manage the project, due to the increased CDOT role and coordination with the CMGC Contractor. The additional environmental, ROW, and coordination work will require effort to plan, schedule, track, and manage.

Additional time has also been added in Tasks 1.b and 1.c for meetings and project management time during construction.

EXHIBIT A-1

Additional Scope of Work 1/09/2023
Project No. GO2018 Bond 2020-028

2. Environmental

Due to the federalization of the project, a National Environmental Policy Act (NEPA) study will be required. The level of study required is assumed to be a Categorical Exclusion (CatEx) utilizing CDOT Form 128. Subconsultant Pinyon Environmental, Inc. will perform additional required analysis and reports for:

- a. Noise Analysis
- b. Hazardous Materials
- c. Biological Resources
- d. Historic Resources
- e. Visual Impact Assessment
- f. Environmental Justice Analysis
- g. Environmental Summary Memo.

It should be noted that the exact requirements of the Noise, Visual Impact, and Historic analysis is undetermined at this time. The fee estimate is conservative to allow for detailed analysis to be performed if required. Please see the scope and fee from Pinyon included as Appendix A.

3. ROW Plans and ROWPR

Federalizing the project and the associated CDOT oversight require that Right-of-Way (ROW) plans be prepared according to CDOT standards. These will be submitted to CDOT and a Right-of-Way Plans Review (ROWPR) meeting be held. Following this meeting, any comments will be addressed and the plans resubmitted.

4. Additional CDOT Coordination

CDOT will review each project submittal and provide comments that will be addressed by the Wilson Team. Submittals to be reviewed by CDOT include:

- a. Structure Selection Report
- b. FIR Submittal
- c. FOR Submittal
- d. Final approval to go to Ad, including a Final Staff Bridge Submittal, and ROW, environmental, and Utility clearances.

5. CMGC Tasks

- a. RFP and Selection Phase: Wilson & Company is available to assist DOTI during the CMGC selection process as requested. Possible assistance includes reviewing the RFP, meeting with potential applicants during the selection process, and participating in the interview and selection process.
- b. Contractor Meetings during the design process
- c. Additional Design Effort – to include revisions requested/suggested by the CMGC Contractor. Some additional time and effort is included for Triunity Inc. to allow for utility design changes and additional coordination with RTD, UPRR, and BNSF.

6. DSDC

Design services during construction (DSDC) effort has been added to include submittal and shop drawing review, Request For Information (RFI) requests, and site visits to the extent described in the fee estimate. Time is also included for a “significant design change” that may occur due to unexpected field conditions.

EXHIBIT A-1

**Additional Fee for the Federalization and CMGC Delivery
of the Jewell/Evans Station Bicycle/Pedestrian Bridge
With Extra DSDC Effort**

Wilson & Company Manhour and Fee Estimate

1/9/2023

Base Fee Estimate Summary by Task

Task 1. Project Management	\$	50,392
Task 2. Environmental	\$	88,897
Task 3. ROW Plans and ROWPR	\$	8,310
Task 4. Additional CDOT Coordination	\$	20,500
Task 5. CMGC Tasks	\$	47,300
Task 6. DSDC	\$	45,930
Labor Subtotal	\$	261,329
Expenses	\$	1,399
Total for Additional Scope of Services	\$	262,728

Labor Fee Estimate Summary by Consultant

	Fee	Percentage	DBE %
Wilson & Company	\$ 157,020	60.09%	
Pinyon *	\$ 97,969	37.49%	37.49%
Triunity *	\$ 6,340	2.43%	2.43%
Total	\$ 261,329	100.00%	39.91%

* MWBE Firm

EXHIBIT A-1

Project Number: GO2018 Bond 2020-028 Ebid 7363904				Pinyon							Totals	
Description: Jewell/Evans Pedestrian Bridge				1	2	3	4	5	6	Totals	Total	
City Project Manager: Katie Gargaro, PE				Project Assistant	Sr Engineer/Scientist	Senior Project Manager	Project Manager	Staff II Engineer/Scientist	Project Specialist			Project Engineer/Scientist
Wilson Project Manager: Mark Hildahl, PE												
Additional work items and effort due to federalizing this project. Estimated workhours shown.												
TASK DESCRIPTION				\$ 86	\$ 201	\$ 179	\$ 153	\$ 94	\$ 127	\$ 110		
Task 1. Project Management												
a. General Project Management				12	40						52	
Task 1 SUBTOTAL - Project Management				12	40						52	\$ 9,072.00
Task 2. Environmental												
a. Noise Analysis					10	20	110				42	182
b. Hazardous Materials					4			20			3	27
c. Biological Resources					2						16	18
d. Historic					10		24				114	148
e. Visual Impact Assessment					20				210		5	235
f. Environmental Justice Analysis					4					20	2	26
g. Environmental Summary Memo					5					20	1	26
Task 2 SUBTOTAL - Environmental					55	20	134	20	250	183	662	\$ 88,897.00
Total Hours				12	95	20	134	20	250	183	714	\$ 97,969
Labor Rate/hr				\$ 86	\$ 201	\$ 179	\$ 153	\$ 94	\$ 127	\$ 110		
Labor Cost				\$ 1,032	\$ 19,095	\$ 3,580	\$ 20,502	\$ 1,880	\$ 31,750	\$ 20,130		\$ 97,969
Expenses				1048								\$ 1,048
Noise Monitoring Equipment				250								
Certified Mailed Letters				48								
Database Report				300								
Expanded COMPASS Database				450								
Total Cost												\$ 99,017.00

EXHIBIT A-1

Project Number: GO2018 Bond 2020-028		Ebid 7363904		Triunity					
Description: Jewell/Evans Pedestrian Bridge		1	2	3	4	5	Totals		
City Project Manager: Katie Gargaro, PE		Senior PM (Railroad Coordination)	Project Manager	Project Engineer	CAD/Designer	Admin	Totals	Total	
Wilson Project Manager: Mark Hildahl, PE									
Additional work items and effort due to using CMGC delivery method for this project. Estimated workhours shown.									
TASK DESCRIPTION		\$ 185	\$ 175	\$ 120	\$ 115	\$ 85			
Task 5. CMGC Tasks									
a. Contractor Meetings			16				16		
b. Design and Specification Revisions			12	12			24		
Task 1 SUBTOTAL - CMGC Tasks			28	12			40	\$ 6,340.00	
Total Hours			28	12			40	\$ 6,340.00	
Labor Rate/hr		\$ 185	\$ 175	\$ 120	\$ 115	\$ 85			
Labor Cost		\$ -	\$ 4,900	\$ 1,440	\$ -	\$ -		\$ 6,340	
Expenses								\$ -	
Total Cost								\$ 6,340	



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TEL 303 980 5200 FAX 303 980 0089
www.pinyon-env.com

August 4, 2022

Mark Hildahl, PE
Wilson & Company, Inc.
1675 Broadway, Suite 200
Denver, CO 80202

Subject: Proposal to Complete Jewell Avenue Bicycle/Pedestrian Bridge Project with CDOT Oversight, City and County of Denver, Colorado

Dear Mr. Hildahl,

Pinyon Environmental, Inc. (Pinyon), is pleased to present this proposal to complete environmental support for the bicycle/pedestrian bridge project. Pinyon understands that Wilson & Company, Inc. (Wilson) is proposing on a contract with the City and County of Denver (CCD) to provide engineering design and plan preparation services related to the construction of the bicycle/pedestrian bridge. Pinyon's role would be to support Wilson and the CCD with environmental services. An initial task order (TO 1) was initiated in August 2021 to complete environmental support services for obtaining a Special Use Permit from the Colorado Department of Transportation (CDOT) for temporary work in their right of way (ROW) and installation of a bridge pier, also within their ROW. This second current TO (TO 2) will supplement, not replace the initial one; it is being executed due to a change in funding sources.

Pinyon understands that in anticipation of receiving federal grant monies for the construction of this project CCD, has directed the team to provide a proposal to support a National Environmental Policy Act (NEPA) study; the level of study required is assumed to be a Categorical Exclusion (CatEx) utilizing CDOT Form 128. For this project, Pinyon will support the project by completing technical studies as noted on CDOT Form #128 and outlined in Attachment A.

Pinyon assumes the field surveys for hazardous materials and biological resources would occur over one day by a team of two people. Surveys for the CDOT ROW are included in TO 1; the effort in this TO is to include the full extent of impacted areas in those surveys. A separate survey for historic resources would be conducted over one day by a historian. Similar to hazardous materials and biological resources, the effort in this second TO is to address an expanded study area. Details regarding Pinyon's estimated scope of work, assumptions, and deliverables are presented in Attachment A.

If additional project elements are added, or if the scope of work/design elements change after the field surveys have been completed, then additional costs would be incurred in order to collect additional data that is pertinent to the revised study area and/or project design. Wilson will provide up to a scoping level of plans (e.g., 15% that encompasses the maximum project disturbance footprint) so that Pinyon, Wilson, CCD, and CDOT can agree on the study area boundaries prior to any field work being completed. It is assumed that resource work/clearances will follow CDOT/FHWA processes unless otherwise noted. The project duration is assumed to be six months; if the project duration is extended, a change order may be required.

The schedule assumes that all fieldwork would occur during the growing season when vegetation is growing and can be speciated. Pinyon may be able to do off-season field surveys; however, if not all indicators are present the survey is likely more conservative than it would be during the growing season. Should the surveys proceed outside the growing season to accommodate the implementation schedule and a regulatory agency requires revisitation during the growing season addition scope and fee will be required. Some deliverables are



design dependent as an impact evaluation is required. After field work is completed, Pinyon will provide GIS or KML mapping of the relevant features to Wilson for confirmation that all area of impact is within the study area and ultimately for impact assessment.

Pinyon estimates the cost to complete this project, in accordance with the outlined services, will be approximately **\$99,017.00** (Table I). Pinyon will invoice on a time and materials basis, in accordance with our Standard Rates for this contract. The authorized amount will not be exceeded without prior approval.

To authorize the outlined scope of services, please issue a subconsultant agreement for review and execution. Should you have any questions or require additional information, please do not hesitate to call. Thank you for considering Pinyon for your environmental consulting needs.

Sincerely,

PINYON ENVIRONMENTAL, INC.

A handwritten signature in blue ink that reads "Amy Kennedy". The signature is written in a cursive style and is located below the company name.

Amy L Kennedy
Senior Scientist

Cc: File

EXHIBIT A-1

Attachment A - Detailed Scope of Work

Note: The following tasks and assumptions were developed using Pinyon's professional judgement, given the information presented in the Request for Proposals, and Pinyon's knowledge of the corridor and environmental context. This scope, and associated fee, are preliminary and are subject to final scoping with CCD and CDOT. Further, additional revision and/or refinement may be necessary as design advancement and design decisions are made.

Task	Scope of Work Summary	Deliverables
General Project Management	<p>General project management, contract administration, invoicing, etc. Project duration is assumed to be 10 months. All meetings are assumed to be virtual.</p> <ul style="list-style-type: none"> • Internal kickoff meeting (1) • Scoping meeting with Agencies including CDOT (1) • Progress Meetings (15) <p><i>*Note FIR and FOR meetings were covered in TO 1.</i></p>	<p>Monthly invoices</p> <p>Progress reports</p>
Air Quality	N/A – CDOT to clear internally as project is exempt from air quality modeling.	None
Noise	<p>In March 2022, CDOT indicated in an email to the Wilson and CCD team leads that the existing timber fences on the southwest corner of Jewell Avenue and US 85 (i.e., CDOT-owned triangle parcel) were originally constructed for noise mitigation; therefore, CDOT will require noise mitigation be installed once the existing walls are demolished to accommodate the proposed pedestrian bridge ramp. Initial direction from CDOT indicated the project would be required to install noise walls to an equal elevation as the existing timber noise walls. CDOT also indicated proposed fill from construction of the ramp may provide some noise mitigation.</p> <p>Based on Pinyon's understanding of CDOT's Noise Abatement Criteria (NAC), the replacement barrier would need to be sized to provide the same, or similar noise abatement levels to the same receptors receiving that benefit currently and the horizon planning year. In order to determine which receptors are currently benefited from the existing wall, Pinyon proposes to use the most recent, available traffic volumes (to be provided by Wilson) to model noise levels at the sensitive receptors within 500 feet of the existing noise wall. Then, using horizon year volumes (to be provided by Wilson), Pinyon will model the project noise and which receptors would be benefited by the existing noise wall in that year. Using these noise levels, Pinyon will analysis up to two (2) noise barriers for potential installation on the west of US 85 to replace the existing wall.</p> <p>Should a noise barrier be found reasonable and feasible, Pinyon will conduct a net benefited receptor survey by certified mail, email, and one round of in-person flyer-ing to survey the owners of the benefited, and impacted properties to find out if 80% or more of them desire a noise barrier. Up to 12 benefited receptors will be surveyed and 45 days will be given for a response. If these conditions are met (barriers is reasonable and feasible; 80% or more of the owners want the barrier), Wilson will incorporate it into the design and costs for the bridge.</p>	<p>Noise Analysis Report including Barrier Assessment</p>

EXHIBIT A-1

Task	Scope of Work Summary	Deliverables
	<p>Scope for this task includes three coordination meetings specific to noise with CCD and/or CDOT as well as Wilson. In support of stakeholder engagement, Pinyon will provide dimensions and location of barriers analyzed to Wilson for use in renderings or similar. Pinyon has also included two (2) stakeholder small group or a one-on-one meetings to discuss the noise analysis and its findings. All meetings are assumed to be virtual.</p> <p>Findings will be documented in a Noise Analysis Report; Pinyon assumes two rounds of review by CDOT.</p>	
Hazardous Materials	<p>Pinyon will complete an Initial Site Assessment (ISA) and Form 881, which will include a database review. The focus of the ISA will be areas where ground disturbances are anticipated. Some of this effort was covered in TO 1; the fee in this task order is to expand the study area (which increase the field work as well as the cost of the database) and account for CDOT review/revision of the ISA and Form 881.</p> <p>Groundwater, soil, and asbestos testing are contracted to be completed under Task Order #1. These results will be documented in the ISA and Form 881. As a part of this second task order, up to five (5) lead paint samples will be taken and tested. These results will also be documented in the ISA and Form 881.</p>	ISA and Form 881 with database
Biological Resources	<p>Pinyon assumes wetlands, SB 40, and habitat for threatened and endangered species are not located within the project area. Pinyon will evaluate habitat for federally listed and state-listed species, and document within the Biological Resource Report (BRR). A survey for migratory birds will be conducted within the prescribed buffer area per Colorado Parks and Wildlife (CPW) guidelines. Only a habitat assessment will be conducted; a species-specific survey is not included in this scope. Assumes a Biological Assessment will not be required. Given the developed nature of the study area, Pinyon assumes that the impact assessment will reveal a <i>no effect</i> to federally listed and state-listed species. Therefore, coordination with the US Fish and Wildlife Service is not anticipated to be required. Pinyon will document the lack of presence of these resources in the BRR. List A and B noxious weeds to be mapped, as applicable; however, if the density of weeds is significant detailed mapping will be stopped, and recommendations regarding weed controls will be presented in the BRR.</p> <p>Some of this effort was covered in TO 1; the fee in this task order is to expand the study area and account for CDOT review/revision of the BRR. Assumes two rounds of review by CDOT on the report.</p>	BRR
Historic Properties / Archeological Resources	<p>Pinyon will develop an Area of Potential Effect (APE), in coordination with CDOT. It is assumed that the APE will include properties that will be directly and indirectly impacted by the project (i.e., new right of way (ROW) acquisitions, easements, or visual impacts). Once the APE is established, Pinyon will evaluate historic and archeological resources within the APE. A similar task was included in TO 1; this effort is to examine and define a larger APE to account for the larger study area that will be covered in the NEPA study.</p> <p>Pinyon understands project design is assumed to be primarily within existing transportation ROW that is owned by CDOT, RTD, and the railroad; therefore, limited direct effects to historic and potentially historic resources are anticipated by the project. It is assumed the design of the pedestrian bridge will extend over the D&RGW railroad 5DV.4784.1 and the and UPRR 5DV.4783.1 (eligible - field) 1999. Both require updated survey work and completion of eligibility forms; this effort is covered in TO 1. Additionally, TO 1 included completion of eligibility assessments for</p>	<p>OAHP Forms: 6</p> <p>Eligibility and Effects Letter including Section 4(f) for application of transportation facility exception</p>

EXHIBIT A-1

Task	Scope of Work Summary	Deliverables
	<p>two (2) adjacent properties that were to be determined based on impacted areas. Because project design is anticipated to include a prominent new visual feature in the setting of adjacent historic and potentially historic resources, up to six additional adjacent resources will be evaluated on OAHP Forms. This brings the total of forms that will be completed to 10, with 4 of being covered by the TO 1 and 6 being covered in this second TO.</p> <p>Similar to the APE and OAHP forms, an Eligibility and Effects Letter containing Section 106 determinations was included in TO 1. The scope in this second TO is to address a larger APE and six (6) more forms in that letter. Additionally, the letter will include the applicable Section 4(f) notifications for submission to CDOT for their use in facilitating Section 106 consultation with State Historic Preservation Officer (SHPO). Pinyon assumes the proposed project will result in a finding of No Adverse Effect and that a Section 4(f) transportation facility exception for use of US 85 and historic railroad ROW is applicable. This will be documented in the Eligibility and Effects Letter.</p> <p>An OAHP Database that covers the additional study area will be purchased.</p> <p>Assumes three rounds of review by CDOT on the report.</p>	
Non-Historic Section 4(f) and Section 6(f)	<p>The Overland Park on the northwest corner of Jewell Avenue and US 85 is both a Section 4(f)/Non-Historic and Section 6(f) property. While the Park will not incur direct, physical impacts, CDOT will require analysis of potential indirect, visual impacts. The scope for the Visual Impact Assessment is detailed below.</p>	Brief Memo to File
Visual Impact Assessment (VIA)	<p>Pinyon will complete a Visual Impact Assessment (VIA) Questionnaire to determine if a VIA is required for the project. The questionnaire will include: 1) review of design elements 2) site visit and photographic inventory 3) characterization of visual context. Assumes one coordination meetings with CCD and CDOT to confirm the level of VIA required. Given the proximity of Overland Park, which is historic as well as a Section 4(f)/recreational resource and Section 6(f) resources as well as the anticipated installation of a noise barrier of some sort along the alley, the level of VIA is assumed to be Standard for purposes of this proposal.</p> <p>The Standard VIA will include:</p> <ul style="list-style-type: none"> • A 3-D model that will be created by Wilson to include perspectives from the Park, the houses on the west, and transportation users (i.e., northbound/southbound drivers). Additionally, the up to five (5) renderings will be created using the model as a base. Up to one (1) set of color change of the structure is included in this proposal. If the form changes, necessitating a change in the model and the renderings, additional scope and fee would be required. <ul style="list-style-type: none"> ○ Perspectives/Viewpoints shall be approved by CDOT prior to modeling/rendering. ○ Assumes one (1) round of comments from the Pinyon team working on the VIA, and two (2) rounds of comments from CCD/CDOT. • Three (3) coordination meetings with CCD and CDOT, one for determining area of visual effect (AVE) with CDOT Visual Specialist. • Draft Standard VIA Technical Report <ul style="list-style-type: none"> ○ One (1) concurrent round of review and comment by Design Team and CCD 	<p>VIA Questionnaire</p> <p>Standard VIA</p>

EXHIBIT A-1

Task	Scope of Work Summary	Deliverables
	<ul style="list-style-type: none"> ○ One (1) round of review and comment CDOT Visual Specialist ● Final Standard VIA Technical Report <ul style="list-style-type: none"> ○ One (1) concurrent round of review and comment by Design Team and CCD ○ One (1) round of review and comment CDOT Visual Specialist 	
Paleontology	N/A – CDOT to clear internally. Based on scope of project, no impacts or evaluations are required.	None
Environmental Justice	Pinyon will prepare a brief memorandum that includes assessment of whether environmental Justice (EJ) populations are present within a mile of the proposed bridge; the demographic composition, if present, for low-income, minority, linguistically isolated, aging, and transit-reliant populations compared with CCD percentage as well as the State percentages in accordance with CDOT policy. The memorandum will be based on readily available data and include a brief qualitative discussion of potential impacts. Pinyon has included minimal time to support EJ-specific outreach, which includes coordinating with CIG on translation needs and incorporating any specific concerns from EJ populations that CIG receives as a part of the outreach in the EJ memo. Assumes two rounds of review by CDOT on the memo.	EJ Memo
Environmental Summary Memorandum	Pinyon will provide a high-level overview of environmental resources, impacts, and potential mitigation measures in a concise memorandum for CDOT's documentation. The resource-specific memorandum and documentation from CDOT for the resources that they will clear internally will be attached to the summary memo. Assumes one (1) round of review by CCD and two (2) rounds of review by CDOT.	Environmental Summary Memorandum

EXHIBIT A-1

Table I. Estimated Fee

Task Project Management (Meetings, Invoices, Coordination)				
Description	Quantity	Unit	Rate	Extension
Labor Rates				
Senior Engineer/Scientist	40.0	hours	\$201.00	\$8,040.00
Administration	12.0	hours	\$86.00	\$1,032.00
Task Subtotal				\$9,072.00
Task Noise Analysis (Noise Measurements, Modeling, Barrier Assessment (2); Benefited Receptor Survey)				
Description	Quantity	Unit	Rate	Extension
Labor Rates				
Senior Engineer/Scientist	10.0	hours	\$201.00	\$2,010.00
Project Manager	110.0	hours	\$153.00	\$16,830.00
Project Specialist	30.0	hours	\$110.00	\$3,300.00
Senior Project Manager	20.0	hours	\$179.00	\$3,580.00
Project Engineer/Scientist (GIS)	12.0	hours	\$110.00	\$1,320.00
Equipment/Material Unit Rates				
Noise Monitoring Equipment	1.0	day	\$250.00	\$250.00
Certified Mailed Letters	12.0	letter	\$4.00	\$48.00
Task Subtotal				\$27,338.00
Task Hazardous Materials (Site Visit, 881 Form, ISA Report, expanded database)				
Description	Quantity	Unit	Rate	Extension
Labor Rates				
Senior Engineer/Scientist	4.0	hours	\$201.00	\$804.00
Staff II Engineer/Scientist	20.0	hours	\$94.00	\$1,880.00
Project Engineer/Scientist (GIS)	3.0	hours	\$110.00	\$330.00
Equipment/Material Unit Rates				
Database Report	1.0	Each	\$300.00	\$300.00
Task Subtotal				\$3,314.00
Task Biological Resources (Site Visit and Biological Resources Report)				
Description	Quantity	Unit	Rate	Extension
Labor Rates				
Senior Engineer/Scientist	2.0	hours	\$201.00	\$402.00
Project Engineer/Scientist	12.0	hours	\$110.00	\$1,320.00
Project Engineer/Scientist (GIS)	4.0	hours	\$110.00	\$440.00
Task Subtotal				\$2,162.00
Task Historic (Site Visit, APE, 6 Site Forms, Eligibility and Effects Letter)				
Description	Quantity	Unit	Rate	Extension
Labor Rates				
Senior Engineer/Scientist	10.0	hours	\$201.00	\$2,010.00
Project Specialist	104.0	hours	\$110.00	\$11,440.00
Project Manager	24.0	hours	\$153.00	\$3,672.00

EXHIBIT A-1

Project Engineer/Scientist (GIS)	10.0	hours	\$110.00	\$1,100.00
Equipment Material Rates				
Expanded COMPASS Database	1.0	each	\$450.00	\$450.00
Task Subtotal				\$18,672.00
Task Visual Impact Assessment including 4(f)/Non-Historic and 6(f) Properties				
Description	Quantity	Unit	Rate	Extension
Labor Rates				
Senior Engineer/Scientist	20.0	hours	\$201.00	\$4,020.00
Project Specialist	210.0	hours	\$127.00	\$26,670.00
Project Engineer/Scientist (GIS)	5.0	hours	\$110.00	\$550.00
Task Subtotal				\$31,240.00
Task Environmental Justice Analysis				
Description	Quantity	Unit	Rate	Extension
Labor Rates				
Senior Engineer/Scientist	4.0	hours	\$201.00	\$804.00
Project Specialist	20.0	hours	\$127.00	\$2,540.00
Project Engineer/Scientist (GIS)	2.0	hours	\$110.00	\$220.00
Task Subtotal				\$3,564.00
Task Environmental Summary Memorandum				
Description	Quantity	Unit	Rate	Extension
Labor Rates				
Senior Engineer/Scientist	5.0	hours	\$201.00	\$1,005.00
Project Specialist	20.0	hours	\$127.00	\$2,540.00
Project Engineer/Scientist (GIS)	1.0	hour	\$110.00	\$110.00
Task Subtotal				\$3,655.00
Project Total				\$99,017.00

CONSULTANT TEAM MEMBERS**PRIME CONSULTANT:** Wilson & Company, Inc., Engineers & Architects

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

Title/Classification	Responsibilities	Rate/Hr.
Engineer/Technical Specialist XXV	Principal III	\$300.00
Engineer/Technical Specialist XXIV	Principal II	\$290.00
Engineer/Technical Specialist XIII	Principal I	\$280.00
Engineer/Technical Specialist XXII	Project Manager IV	\$270.00
Engineer/Technical Specialist XXI	Contract Manager, Project Manager III, Sr. Engineer III	\$260.00
Engineer/Technical Specialist XX	Project Manager III	\$250.00
Engineer/Technical Specialist XIX	Project Manager II	\$240.00
Engineer/Technical Specialist XVIII	Survey Manager	\$230.00
Engineer/Technical Specialist XVII	Sr. Engineer II, Construction Manager	\$220.00
Engineer/Technical Specialist XVI	Sr. Engineer II	\$210.00
Engineer/Technical Specialist XV	Environmental Lead, Sr. Engineer I	\$200.00
Engineer/Technical Specialist XIV	Engineer III, , Sr. Engineer I	\$190.00
Engineer/Technical Specialist XIII	Engineer III	\$180.00
Engineer/Technical Specialist XII	Professional Surveyor	\$170.00
Engineer/Technical Specialist XI	Engineer II, Senior Architect	\$160.00
Engineer/Technical Specialist X	Engineer II	\$150.00
Engineer/Technical Specialist IX	Sr. Graphics Designer, Biologist, Engineer I	\$140.00
Engineer/Technical Specialist VIII	Hazardous Materials Specialist, Engineer I, Architect	\$130.00
Engineer/Technical Specialist VII	Jr Engineer III, Sr. Cadd Tech	\$120.00
Engineer/Technical Specialist VI	Jr Engineer III, Construction Observer II, Project Accounting	\$110.00
Engineer/Technical Specialist V	Jr Engineer II, Construction Observer I	\$100.00
Engineer/Technical Specialist IV	Jr Engineer I, Party Chief II, Construction Observer I, Social Media	\$90.00
Engineer/Technical Specialist III	Party Chief I	\$80.00
Engineer/Technical Specialist II	Office Administration, Instrument Person	\$70.00
Engineer/Technical Specialist I	Instrument Person	\$60.00
Intern	Intern	\$55.00

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

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

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

REIMBURSABLE EXPENSES

Prime Consultant: Wilson & Company, Inc., Engineers & Architects

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

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 for sub consultants not local to the project. Travel shall be pre-approved by the City 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")	\$ <u>at cost</u> / each
Copies (8 1/2 x 14")	\$ <u>at cost</u> / each
Red-line copies	\$ <u>at cost</u> / S.F.
Reproducibles	\$ <u>at cost</u> / page

Exhibit B-1

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: Dig Studio, 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.
Sr. Principal	Task order lead, urban design leader, oversee task order and deliverables	\$240
Principal	Task order lead, urban design leader, oversee task order and deliverables	\$205
Designer VI	Task order project management, manage scope and deliverables	\$150
Designer V	Task order project management, manage scope and deliverables	\$140
Designer IV	Task order planning / urban design, production and graphics, day to day coordination	\$130
Designer III	Task order planning / urban design, production and graphics, day to day coordination	\$120
Designer II	Landscape Designer, day to day production, design implementation	\$110
Designer I	Landscape Designer, day to day production, design implementation	\$105
Admin	Project research, public outreach, project administration	\$140

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

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

SUB TEAM MEMBERS

Sub: _____ °Fox Tuttle Transportation Group

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 III	Principal-level multimodal transportation lead, support and QA/QC	\$220.00
Principal II	Principal-level multimodal transportation lead, support and QA/QC	\$210.00
Principal I	Principal-level multimodal transportation lead, support and QA/QC	\$200.00
Senior Associate	Conceptual design, analysis and multimodal task lead	\$190.00
Senior Transportation Engineer	Conceptual design, analysis and multimodal task lead	\$180.00
Transportation Engineer II	Conceptual design and analysis support	\$170.00
Transportation Engineer I	Conceptual design and analysis support	\$150.00
Senior Transportation Planner	Planning, guideline/policy and outreach	\$170.00
Transportation Planner II	Planning, guideline/policy and outreach	\$150.00
Transportation Planner I	Planning, guideline/policy and outreach	\$120.00
Engineering Technician	Engineering support	\$120.00
Administrative	Administrative support	\$90.00
Field Technician	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: _____

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

Actual Costs

Item

Copies (8 1/2 x 11")

Copies (8 1/2 x 14")

Red-line copies

Reproducibles

Charge Rate

\$ at cost / each

\$ at cost / each

\$ at cost / S.F.

\$ at cost / page

Exhibit B

SUB-TEAM MEMBERS

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

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

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

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

Exhibit B-1

REIMBURSABLE EXPENSES

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

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

Actual Costs

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

REIMBURSABLE EXPENSESSub-consultant: Leese & Associates LLC

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

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

3. Actual cost of reproduction of drawings and specifications, requested by the city.
4. Travel cost for sub consultants not local to the project. Travel shall be pre-approved by the City 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 ")	\$ 0.08/each
Copies (8 1/2 x 14")	\$ 0.21/each
Red-line copies	\$ 0.60/S.F.
Reproducibles	\$ 0.21/page

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: _____

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

Actual Costs

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

Exhibit B-1

SUB TEAM MEMBERS

Sub: Martinez Associates, Inc.

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

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

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

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: Martinez Associates, Inc.

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

Actual Costs

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

SOIL AND AGGREGATE TESTS

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

CONCRETE TESTS

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

MASONRY TESTS

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

MOISTURE EMISSION TEST

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

ASPHALTIC CONCRETE

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

VIBRATION MONITORING

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

Outside Services, at cost plus 15 percent

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

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

Exhibit B-1**SUB TEAM MEMBERS**

Sub: Pinyon Environmental, Inc.

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

Title/	Responsibilities	Rate/Hr.
Principal Engineer/Scientist	Responsible for providing strategic direction, vision, and leadership. Performs senior-level QA/QC and conducts meetings and negotiations with regulatory and oversight agencies.	\$250
Senior Engineer/Scientist	Responsible for technical completeness and competency of all submissions and work performed, including performance of junior- and mid-level planners and scientists. Conduct and supervise professional and technical staff to complete studies focused on engineering, planning, NEPA evaluations, air quality, noise, biology, geology, chemistry and environmental science.	\$235
Senior Project Manager	Project management, including coordination of multi-disciplinary teams, preparing responses to agency questions, and facilitates project meetings with client and regulators. Develops project requirements, site investigations, facility requirements development, budget and programming support, analyses and project execution.	\$210
Project Manager	Directs the gathering of data and prepares complex reporting and analysis. Oversight of technical products and development of detailed studies related to NEPA, air quality, noise, environmental justice, biology, geology, chemistry and environmental science.	\$185
Project Specialist	Reports to Regulatory and Oversight Agencies, Preparation of Permits, GIS Library Development and Data Analysis, Technical Review of Documents	\$160
Project Engineer/Scientist	Phase I ESA Site Visits/Reporting, Interpretation of Data, Collection of Non-Field Data, Development of Logs and Maps, Pilot Testing, Biological and Wetland Field Mapping, Preparation of Reports to Clients, GIS Data Collection/Processing/Presentation, Asbestos Designer/Air Monitoring Specialist/Project Manager, Technical Review of Documents.	\$150
Staff II Engineer/Scientist	Soil Logging, Monitoring Well Installation Oversight, Water-Level Surveying, Slug Tests, Field Oversight, Lead Driller, Miscellaneous Field Services, Asbestos Building Inspector	\$140
Staff I Technician	Groundwater Sampling, Sampling During UST Removals, Surveyor's Assistant	\$120
Drafting (Graphics)	AutoCAD, floor plans, elevations, sections, scale drawings, layering and concept design for architects and engineers. Duties may include configuring and maintaining CADD libraries, engineering documentation management systems and CADD computer network systems.	\$130
Project Assistant	Maintain Field Equipment, Data Management	\$130
Administration	Word Processing, Clerical	\$105

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

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

SUB-CONSULTANT TEAM MEMBERS

Firm Name: PK Electrical, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
Principal/Engineer of Record	Oversees the entire project, manages clients, provides QA/QC	\$250
Engineering Manager	Oversees the entire project, manages clients, provides QA/QC	\$230
Senior Project Engineer	Engineer responsible for technical aspects of project, code re	\$205
Senior Project Manager	Assists Project Engineer, manages staff, resources, schedule	\$200
Electrical/Technology Designer	Designs low voltage systems, lighting and power systems, ed	\$170
Fire Alarm Engineer/Designer	Design of fire alarm, mass notification, v-evac systems, and s	\$210
Technology Manager	Manages designers and designs for low voltage systems (DA	\$220
Bookkeeper/Accounting	Finance accounts manager/bookkeeping	\$125
Electrician/Designer/ Field Technician	Assists in designs, performs field investigations and site surve	\$150
Production/BIM Manager	Manages production department and staff, assigns work, mail	\$144
Drafter	MicroStation, BIM, CAD drafting and production	\$110
Admin	Filing, document control, spec editing, general tasks	\$105

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.3685.

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

Exhibit B-1

REIMBURSABLE EXPENSES

Prime Consultant: PK Electrical, Inc.

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

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

3. Actual cost of reproduction of drawings and specifications, requested by the city.
4. Travel cost for sub consultants not local to the project. Travel shall be pre-approved by the City PM.

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

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Black & White Copies (8.5 x 11")	\$0.06/each
Color Copies (8.5 x 11")	\$0.30/each
Black & White Copies (8.5 x 14")	\$0.11/each
Color Copies (8.5 x 14")	\$0.60/each
Black & White Copies (11 x 17")	\$0.12/each
Color Copies (11 x 17")	\$0.60/each
Red-lined Copies	\$0.75/sf
Large Scale Copies (24 x 36", 18 x 24", 30 x 42" 36 x 48")	\$2.25/sf
File Processing Fee for CAD Drawings	\$0.20/each

Exhibit B-1

SUB TEAM MEMBERS

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.

Exhibit B-1

REIMBURSABLE EXPENSES

Sub: _____

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

Actual Costs

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