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 **HDR ENGINEERING, INC.**, a Nebraska corporation registered to do business in Colorado, whose address is 1670 Broadway, Suite 3400, Denver, CO 80202 (the "Consultant"), jointly ("the Parties").

RECITALS:

- **A.** The Parties entered into an Agreement dated January 8, 2021 (the "Agreement") for the performance of certain work set forth in that Agreement and Exhibit A.
- **B.** The Parties wish to amend the Agreement to increase the Maximum Contract Amount, extend the Term, and to make such other amendments herein set forth.

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

- 1. All references to "Exhibit A" in the Agreement shall be amended to read: "Exhibit A-1". Exhibit A-1 is attached hereto and incorporated herein by this reference.
- 2. All references to "Exhibit B" in the Agreement shall be amended to read: "Exhibit B and Exhibit B-1". Exhibit B-1 is attached hereto and incorporated herein by this reference.
- 3. Section 3 of the Agreement entitled <u>COMPENSATION</u>, <u>PAYMENT</u>, <u>AND</u> <u>FUNDING</u> Sub-section 3.05 (a) entitled <u>Maximum Contract Amount</u>; <u>Funding</u> 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 NINE MILLION SEVEN HUNDRED FIFTY THOUSAND DOLLARS AND ZERO CENTS (\$9,750,000.00). 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**. <u>Term.</u> 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 <u>GENERAL PROVISIONS</u> 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 <u>GENERAL PROVISIONS</u> Sub-section 6.19 of the Agreement entitled **No Employment of Illegal Aliens to Perform Work Under the Agreement** is hereby deleted in its entirety.
- 7. As herein amended, the Agreement is revived, affirmed, and ratified in each and every particular.
- 8. This Amendatory Agreement will not be effective or binding on the City until it has been fully executed by all required signatories of the City and County of Denver, and if required by Charter, approved by the City Council.

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

IN WITNESS WHEREOF, the parties have set to Denver, Colorado as of:	heir hands and affixed their seals at
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:

DOTI-202369346-01 [202056595-01] HDR ENGINEERING, INC.

Contract Control Number:

Contractor Name:

Contract Control Number: Contractor Name:

DOTI-202369346-01 [202056595-01] HDR ENGINEERING, INC.

By: R. Breidi Mout	7
Name: R. Bradley Martin	
(please print)	
Title: Sr. Vice President	
(please print)	
ATTEST: [if required]	
By: Mary	
Name: Melissa Gray	
(please print)	
Title: Quality and Records Coordinator (please print)	
(picase pilit)	

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
Multimodal Design	4	\$4,750,000.00	25%

Short Description:

Design of multimodal facilities, including bikeways, pedestrian improvements, and transit improvements.

Definition:

Work in this category is related to the design of multimodal facilities, in support of our pedestrian, bike, and transit programs. These projects will include small, intersection level projects up through large, complex, corridor projects. Tasks and deliverables to support multimodal design are included.

Primary Scope Elements:

- Bicycle facility and associated infrastructure design
- Pedestrian infrastructure design including crossing improvements
- Transit and associated infrastructure design
- Design for ADA compliance
- Plan, specification and cost estimate preparation
- Construction support

Secondary Scope Elements:

- General requirements required in the contract
- Traffic engineering services to inform multimodal improvement design including traffic modeling, traffic analysis/studies
- Vehicular/bike/ped counts
- Signal design
- Signs and marking design
- Traffic control 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
- Real Estate
- Landscape architecture/streetscape improvements
- Public involvement

• Additional tasks as required

Skills and Requirements:

- Multimodal design experience
- Expertise utilizing current traffic analysis/modeling software including Synchro, True Traffic and VISSIM for traffic studies
- Experience with current design guidelines and standards

Exhibit A-1

Category Name	Category Number	Category Amount	M/WBE Goal Commitment
Multimodal and Transportation Planning	5	\$2,250,000.00	30%

Short Description:

Planning services for multimodal projects and general transportation efforts

Definition:

Work in this category is related to planning for multimodal projects and general transportation efforts. Work will include large-scale, citywide planning efforts, network plans, corridor plans, location assessments and recommended improvements, systematic application plans, program implementation plans that include fiscal analysis, and next steps studies. Work will support pedestrian, bike, transit, freight, curbside management, parking, vision zero, congestion mitigation, corridor operations, smart cities, transportation demand management, safe routes to school, grant applications, adaptive streets, and strategic mobility efforts.

Primary Scope Elements:

- Multimodal planning
 - o Existing conditions research
 - o Project assessments, conceptual design, and project scope definition
 - o Alternatives analysis
 - o Public involvement management
 - o Program evaluation and prioritization
 - o Development of assessment and analytic tools
 - o GIS analyzation
 - o Pedestrian/Bike/Transit/Parking/Vehicle counts
 - Modeling/Traffic analysis
 - Data collection and evaluation
 - o Determine vision/goals/measures
 - Development of measures/metrics and reports
- Programming and Fiscal
 - Grant application support
 - Funding analysis
 - Project budget development
 - Work phase scheduling
 - Risk analysis
 - o 1, 5, and 10-year implementation plans
 - o Guidelines and process development
- Policy, Process, and Guideline Development
 - o Policy review and develop guidance and education briefs
 - o Develop process procedures, guidelines and tools/implementation kits for work activities
 - Help strategically develop programs

- Conceptual Design
 - o Planning and engineering support to conduct project assessments (10% design)
 - Engineering support to conduct on-site assessments to determine infrastructure improvements
 - o Engineering support to complete work orders
 - o Engineering support to conduct road safety/school safety assessments

Secondary Scope Elements:

- General requirements required in the contract
- Staff augmentation
- Project Management
- Additional tasks as required

Skills and Requirements:

- Planning experience
- Traffic Engineering
- AutoCad
- Visual Design
- Technical writing

Exhibit A-1

Category Name	Category Number	Category Amount	M/WBE Goal Commitment
Transit Planning and Design	6	\$1,750,000.00	18%

Short Description:

Planning and design services for transit programs and projects

Definition:

Work in this category is related to planning and design for transit programs and projects. Work will include short and long-term citywide transit planning, capital investment corridor planning and design, transit service planning, transit amenity planning and design, transit speed and reliability planning and design, enterprise systems planning, transit procurement support, and transit program planning.

Primary Scope Elements:

- Short and Long-term Citywide Transit Planning
 - Large scale city or network-wide long-range planning efforts including visioning, conceptual design, outreach and implementation strategies
- Capital Investment Corridor Planning and Design
 - Large-scale short and long-range planning efforts along key Capital Investment Corridors to prepare for significant transit improvements. This can include visioning, conceptual design, NEPA, outreach, modeling, traffic modeling, and financial planning.
 - o Concept to 100% design and engineering plans for transit improvements
 - o AutoCAD drawings and plan sheets
- Transit Service Planning
 - Transit Service planning for large-scale citywide efforts as well as smaller neighborhoodscale service improvements. This can include visioning, outreach, modeling, service planning, and implementation strategies.
- Transit Amenity Planning and Design
 - o Bus Stop Inventory
 - o Passenger Amenity Program Typology and Prioritization Study
 - Mobility Hubs
 - Can also include database development, outreach, prioritization planning, existing conditions analysis, financing and funding, conceptual design, design, and creative implementation strategies.
- Transit Speed and Reliability Planning and Design
 - o Includes planning, conceptual design, design, outreach, and implementation strategies
- Enterprise Systems Planning
- Transit Procurement Support
- Transit Program Planning

Secondary Scope Elements:

- General requirements required in the contract
- Staff augmentation
- Project Management
- Grant writing and management
- Railroad coordination
- Permitting
- Real Estate
- Additional tasks as required

Skills and Requirements:

- Planning experience
- Transit planning and operations experience
- Design and engineering experience
- Technical writing

PRIME TEAM MEMBERS

Prime: HDR Engineering, Inc.

List <u>ALL</u> 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.
Administrative	Administrative support personnel who provides support for work processing, spreadsheets, graphics, scheduling, budget control and communication.	\$86.00
CAD/GIS Technician I	A professional with specific experience in design, mapping, technical graphics, GIS, and computer applications for transportation projects; 0-10 years of experience.	\$104.00
CAD/GIS Technician II	A professional able to manage tasks with specific experience in design, mapping, technical graphics, GIS, and computer applications for transportation projects; 5-15 years of experience.	\$118.00
CAD/GIS Technician III	A senior professional with specific experience in CAD design, mapping, technical graphics, GIS, and computer applications for transportation projects; Works on multidiscipline projects and leading the development of complex plan sets; 10+ years of experience.	\$157.00
Communication Coordinator / Public Outreach, Graphic Artist	A professional with specific experience in developing graphic design for agency and stakeholder outreach including public meetings and communications materials.	\$124.00
Communication Coordinator/Public Outreach, Level I	A professional with specific experience in agency and stakeholder outreach including public meetings and communications materials; 0-5 years of experience.	\$98.00
Communication Coordinator/Public Outreach, Level II	A professional able to manage tasks with specific experience in agency and stakeholder outreach including public meetings and communications materials; 5-15 years of experience.	\$118.00
Communication Coordinator/Public Outreach, Level III	A senior professional with specific experience in agency and stakeholder outreach including public meetings and communications materials; Works on multi-discipline projects and leading the development of complex projects; 10+ years of experience.	\$145.00
Communication / Public Outreach Manager	A senior manager with specific experience in agency and stakeholder outreach including public meetings and communications materials; Works on multi-discipline projects and leading the development of complex projects; 15+ years of experience.	\$181.00
Construction Engineer I	A licensed engineer with experience in construction, management, and/or materials testing with an understanding of general civil construction; May have inspection	\$185.00

	CONTRACTOR OF THE STATE OF THE	
	certifications such as CDOT Core curriculum, WAQTC, EI,	
	ATSSA Traffic Control Supervisor,	
	Environmental TECS; 0-10 years of experience.	
Construction Engineer II	A licensed engineer with experience in managing and inspecting civil construction projects that may include roads,	\$205.00
S	bridges, structures, pipelines, streetscapes, and more; May	
	have certifications including CDOT Core Curriculum, ACI,	
	CAPA, ATSSA Traffic Control Supervisor, WAQTC,	
	Transportation Erosion Control Supervisor; Likely has	
	supervisory experience; 10+ years of experience.	
Construction	A professional with experience in construction, management,	\$120.00
Inspector I	and/or materials testing; Basic understanding of general civil	
	construction; 0-7 years of experience.	
Construction	A professional with experience in managing and inspecting	\$145.00
Inspector II	civil construction projects that may include roads, bridges,	
	structures, pipelines, streetscapes, and more; May be a PE,	
	CCM. Likely has supervisory experience; 5-15 years of	
	experience.	*1=1.11
Construction	A professional with experience in managing and inspecting	\$171.00
Inspector III	civil construction projects that may include roads, bridges,	
	structures, pipelines, streetscapes, and more; May be a PE,	
G	CCM with supervisory experience; 10+ years of experience.	#100.00
Construction Jr.	A professional able to provide construction, management,	\$108.00
Inspector	and/or materials testing; Basic understanding of general civil	
C + + 11 f	construction; 0-5 years of experience.	Ф 2 0 7 00
Contract Manager	Manages individual task orders; Works to develop scopes and	\$307.00
	budgets; Directs technical work and coordinates directly with	
DeniemanI	CCD task order manager; 4-8 years of experience.	\$123.00
Designer I	A junior professional who manages design, traffic, or planning tasks; Performs work assigned by mid-level and	\$123.00
	senior staff; 4-6 years of experience.	
Designer II	A professional who manages design, traffic, or planning	\$159.00
Designer II	tasks; Works to develop scopes and budgets; Well-trained	\$139.00
	within their respective discipline; Directs the works of junior	
	staff; 5-10 years of experience.	
Designer III	A senior professional who manages design, traffic, or	\$182.00
Designer III	planning tasks; Works to develop scopes and budgets; Well-	Ψ102.00
	trained within their respective discipline; Directs the works of	
	junior and mid-level staff; 10+ years of experience.	
EIT I	A recent college graduate; Performs work assigned by	\$125.00
	licensed midlevel and senior staff; 1-3 years of experience.	4
EIT II	Performs work assigned by licensed mid-level and senior	\$145.00
	staff; Welltrained within their respective discipline; Directs	
	the works of junior staff; 2-5 years of experience.	
EIT III	Performs work assigned by licensed mid-level and senior	\$161.00
	staff; Well trained within their respective discipline; Directs	
	the works of junior and mid-level staff; 3+ years of	
	experience.	
Environmental	Performs work assigned by mid-level and senior staff;	\$118.00
Specialist I	Performs field reconnaissance; 0-5 years of experience.	
) J 1	

Environmental	Manages individual work tasks; Works to develop scopes and	\$151.00
Specialist II	budgets; Well-trained within their respective discipline;	
•	Directs the works of junior staff; 3-10 years of experience.	
Environmental	Works to develop scopes and budgets; Well-trained within	\$187.00
Specialist III	their respective discipline; Directs the works of junior and	Ψ107700
Specialist III	mid-level staff; Provides QA/QC of all environmental	
	deliverables; 7+ years of experience.	
Intern	Performs work assigned by mid-level and senior staff;	\$76.00
mtern	· · · · · · · · · · · · · · · · · · ·	\$76.00
	Performs research and data collection; Supports others in the	
N 1D:	preparation of technical reports, GIS maps, graphics.	Φ2.67.00
National Discipline	A senior officer of the company; Extensive knowledge of	\$367.00
Leader	individual transportation disciplines; Internal and/or national	
	expert and presenter on transportation specialty; Knowledge	
	of vast resources available; 15+ years of experience.	
Planner I	Manages individual task orders; Performs work assigned by	\$123.00
	mid-level and senior staff; Prepares technical reports, GIS	
	maps, graphics; 2-5 years of experience.	
Planner II	Manages individual task orders; Well-trained within their	\$151.00
	respective planning discipline; Works to develop scopes and	
	budgets; Directs technical work with junior staff; 3-10 years	
	of experience.	
Planner III	Manages individual task orders; Experienced within their	\$180.00
	respective planning discipline; Works to develop scopes and	4-0000
	budgets; Directs technical work with junior and mid-level	
	staff; 8+ years of experience.	
Planner Jr.	Performs work assigned by mid-level and senior staff;	\$110.00
I familier 31.	Prepares technical	\$110.00
	reports, GIS maps, graphics; 0-4 years of experience.	
	reports, O13 maps, grapmes, 0-4 years of experience.	
Principal In Charge	A senior officer of the company; Signature authority;	\$306.00
	Authority to dedicate resources; Extensive knowledge of	
	engineering practices; Knowledge of vast resources available	
	especially within HDR	
Project Controller I	Project support personnel who provides support for	\$118.00
3	invoicing, accounts payable/receivable, project controls,	•
	budgeting and scheduling. 0-10 years of experience.	
Project Controller II	Senior project support personnel who provides support for	\$135.00
rioject controller ir	invoicing, accounts payable/receivable, project controls,	Ψ133.00
	budgeting and scheduling. 5+ years of experience.	
Project Coordinator	Administrative support personnel who provides support for	\$102.00
1 Toject Coordinator	work processing, spreadsheets, graphics, scheduling, budget	\$102.00
	control and communications; Develops project controls and	
Duniant Engineer	leads internal project setup and review meetings.	¢172.00
Project Engineer,	A recent registered professional engineer; Performs work	\$173.00
Level I	assigned bymid-level and senior staff; 4-6 years of	
B 1 - E 1	experience.	
Project Engineer,	A registered professional engineer; Manages individual work	\$194.00
Level II	tasks; Works to develop scopes and budgets; Well-trained	
	within their respective discipline; Directs the works of junior	
	staff;5-10 years of experience.	
Project Engineer,	A senior registered professional engineer; Manages technical	\$219.00
	resources, individual work tasks, and projects; Works to	

Level III	develop scopes and budgets; Well-trained within their	
	respective discipline; Directs the works of junior and mid-	
	level staff; 10-20 years of experience.	
Project Engineer,	A senior registered professional engineer; Manages complex	\$238.00
Level IV	projects; Works to develop scopes and budgets; Well-trained	Ψ230.00
Leveliv	within their respective discipline; Directs the works of junior	
	and mid-level staff; 15+ years of experience.	
Project Manager I	Works to develop scopes and budgets; Manages task orders	\$244.00
1 Toject Manager 1	and coordinates between technical disciplines; Provides day-	Ψ211.00
	to-day technical management of task orders; Coordinates	
	directly with the client task order manager on a day-to-day	
	basis; 5-10 years of experience.	
Project Manager II	Works to develop scopes and budgets; Manages complex	\$261.00
1 Toject Wallager II	task orders and coordinates between technical disciplines;	\$201.00
	Provides day-to-day technical management of task orders;	
	Coordinates directly with the client task order manager on a	
	day-to-day basis; 8+ years of experience.	
Project Professional	A recent graduate who has technical training in design,	\$173.00
I	planning, CAD and GIS; Capable of working productively	\$173.00
1	under the direction of senior staff; Well-trained within their	
	discipline; 6-12 years of experience	
Project Professional	A registered professional engineer or accredited position;	\$190.00
II	Fully trained within their discipline; Direct the work of junior	\$190.00
11	1 •	
Dagional Dissiplina	staff; 10-15 years of experience A senior engineer or planner with extensive knowledge of	\$333.00
Regional Discipline Leader	individual transportation disciplines; Regional and/or	\$333.00
Leader	national expert and presenter on transportation specialty;	
	Knowledge of vast resources available. 15+ years of	
	experience.	
ROW Agent I	Manages individual right-of-way work tasks; Experience	\$120.00
KOW Agent I	providing appraisals and valuations; Well-trained within their	\$120.00
	respective discipline.	
DOW A cont II		\$171.00
ROW Agent II	Manages individual right-of-way work tasks; Experience	\$1/1.00
	providing appraisals and valuations; Works to develop	
	scopes and budgets; Well-trained within their respective	
	discipline; Directs the work of junior staff; Provides QA/QC	
Su Duciact Manager	of all right-of-way deliverables; 5+ years of experience.	\$277.00
Sr. Project Manager	Works to develop scopes and budgets; Manages multi-	\$277.00
I	discipline task orders and coordinates between technical	
	disciplines; Provides day-today technical management of	
	task orders; Coordinates directly with the client task order	
Sr. Project Manager	manager on a day-to-day basis; 8- 12 years of experience Works to develop scopes and budgets; Manages multi-	\$296.00
II	discipline task orders and coordinates between technical	\$470.00
11	disciplines; Provides day-today technical management of	
	task orders; Develops assignments for staff; Coordinates	
	directly with the client task order manager on a day to-day	
	basis; 12+ years of experience.	
Sr. Project	Handles complex issues within their discipline; Coordinates	\$213.00
Professional I	between technical disciplines; Performs technical work and	ΨΔ13.00
1 101033101141 1	octaved technical disciplines, i criorius technical work and	

	manages technical staff; Often performs QC review and	
	solves complex problems; 8-15 years of experience.	
Sr. Project	Handles or directs the most complex issues within their	\$248.00
Professional II	discipline; Coordinates between technical disciplines;	
	Performs technical work and manages technical staff; Often	
	performs QC review and solves complex problems; 10-20	
	years of experience.	
Sr. Project	Manages the most complex issues within their discipline;	\$287.00
Professional III	Coordinates between technical disciplines; Directs technical	
	work and manages technical staff; Often performs QC review	
	and solves complex problems; 15+ years of experience.	
Sr. Technical	Extensive knowledge of individual transportation disciplines;	\$315.00
Advisor	Internal and/or national expert and presenter on	
	transportation specialty; Oversees mid-level staff and	
	provide technical quality review of their work; 15-30 years of	
	experience.	
Technical Writer	Provides technical writing for planning and engineering	\$182.00
	documents; Experience with Microsoft Word and InDesign;	
	Well-trained within their respective discipline; Provides	
	QA/QC of planning documents and construction	
	specifications.	

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

REIMBURSABLE EXPENSES

Prime:	
The additional expenses reimbursable by the City shall include a specifications requested by the City. Travel/transportation costs Primes.	
Actual Costs	
<u>Item</u>	Charge Rate
Copies (8 1/2 x 11")	\$/ each
Copies (8 1/2 x 14")	\$/ each
Red-line copies	\$/ S.F.
Reproducibles	\$/ page

SUB TEAM MEMBERS

Sub: ArLand LLC DBA ArLand Land Use Economics

List <u>ALL</u> 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	Subconsultant Project Management, Senior	\$180
	Market Analyst, Economist	
Sr. Associate	GIS, large database analysis, research, data	\$165
	collection	
Associate	Research, data collection and analysis	\$135

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: ArLand LLC DBA ArLand Land Use Economics	
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The additional expenses reimbursable by the City shall include the actual cost to reproduce drawings and specifications requested by the City. Travel/transportation costs shall not be reimbursed by the City for Primes.

Actual Costs

<u>Item</u>	Charge Rate
Copies (8 1/2 x 11")	\$05/ each
Copies (8 1/2 x 14")	\$05/ each
Red-line copies	\$at cost/ S.F.
Reproducibles	\$at cost/ page

SUB TEAM MEMBERS

Sub: Communication Infrastructure Group (CIG)

List <u>ALL</u> 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	Creative Oversight	\$205
Officer		
Senior	Executive Oversight	\$205
Counselor		
Sr. Strategic	Strategic Counsel	\$200
Director		
Counselor III	Project Oversight	\$179
Counselor I	Project Oversight and Coordination	\$148
Account	Project Management	\$135
Supervisor		
Creative Art	Creative Project Management and Graphic	\$132
Director	Design	
Senior	Project Management and Coordination	\$127
Associate		
Associate	Creative Projects Coordination and Graphic	\$121
Creative	Design	
Director		
Associate II	Mid-Level Project Management and	\$104
	Coordination	
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

Account	Entry-Level Project Support	\$39
Coordinator		

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

REIMBURSABLE EXPENSES

Sub:	Communication Infrastructure Group	(CIG)	

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

Actual Costs

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

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Clanton & Associates

List <u>ALL</u> 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 reproducibles, etc. are not included in the hourly rates, and will be itemized as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

REIMBURSABLE EXPENSES

Sub-Consultant:	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>	Charge Rate
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

SUB TEAM MEMBERS

Sub: Consor Engineers, LLC - Previously Apex Design

List <u>ALL</u> 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 the 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 oversite and manages teams. Creates and manages construction schedules; Performs pre-and post- installation field reviews; shares lessons learned from installations, manages integration and testing infield.	\$ 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 multimodal planning project.	\$ 151
Transportation Engineer	Preparation of engineering drawings, analysis and report preparation.	\$ 151

CI Level E	I 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	
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

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.

SUB TEAM MEMBERS

Sub:	Eugen	e Lynne	
_			

List <u>ALL</u> 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 lead, design concepts, project oversight	\$177/hr
Professional	Plan and report production, project concepts,	\$160/hr
Engineer	QA/QC	
Engineering	Research, calculations, technical plan and report	\$120/hr
Technician	production	
Project	Perform field and office tasks, direct Survey	\$115/hr
Surveyor	Technician	
Surveying	Perform field and office survey tasks, direct	\$95/hr
Technician II	Survey Tech I	
Surveying	Perform field and office survey tasks	\$90/hr
Technician I		
One-Person	Data Collection in Field (one person with vehicle	\$153/hr
Field Crew	and equipment)	
Two-Person	Data Collection in Field (two person with vehicle	\$192/hr
Field Crew	and equipment)	

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:	Eugene Lynne
	tional expenses reimbursable by the City shall include the actual cost to reproduce drawings and tions requested by the City. Travel/transportation costs shall not be reimbursed by the City for
Actu	<u>Costs</u>

<u>Item</u>	<u>Cl</u>	narge Rate
Copies (8 1/2 x 11")	\$	_0.75/ each
Copies (8 1/2 x 14")	\$	_1.00/ each
Red-line copies	\$	_2.75/ S.F.
Reproducibles	\$	_15/ page

SUB TEAM MEMBERS

Sub-Consultant: Goodbee & Associates, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.	
President	Directs all aspects of the firm's operations	\$185	
Principal	Directs all aspects of the firm's operations	\$185	
Landscape Architect (Principal)	Leads and reviews technical work	\$175	
Landscape Architect III	Leads and reviews technical work	\$150	
Landscape Architect II	Leads and reviews technical work	\$130	
Landscape Architect I	Leads and reviews technical work	\$120	
Project Manager IV	Leads and reviews technical work	\$170	
Project Manager III	Leads and reviews technical work	\$150	
Project Manager II	Leads and reviews technical work	\$140	
Project Manager I	Leads and reviews technical work	\$130	
Designer III	Completes technical work under direction of a PM/LA	\$120	
Designer II	Completes technical work under direction of a PM/LA	\$110	
Designer I	Completes technical work under direction of a PM/LA	\$100	
CAD II	Completes technical work under direction of a PM/LA	\$100	
CAD I	Completes technical work under direction of a PM/LA	\$80	
SUE Field Manager	Leads and reviews field work	\$140	
SUE Technician III	Leads and completes field work	\$130	
SUE Technician II	Completes field work under direction of manager	\$110	
SUE Technician I	Completes field work under direction of manager	\$90	
SUE Junior Technician	Completes field work under direction of manager	\$70	
Survey Manager	Leads and reviews field work	\$145	
Survey Party Chief	Leads and completes field work	\$130	
Intern II	Supports tasks under direction of manager	\$80	
Intern I	Supports tasks under direction of manager	\$70	
Administrator	Bookkeeping and general administration	\$110	
Administrative Assistant	General administration	\$80	

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

REIMBURSABLE EXPENSES

Sub-Consultant: Goodbee & Associates, Inc.

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

The additional expenses reimbursable by the City shall include:

Actual Costs

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

SUB TEAM MEMBERS

Sub: Granite Engineering Group, Inc.

List <u>ALL</u> 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	A professional who oversees the design of engineering projects for the company, who is leader in the geotechnical industry and has advanced understanding of the discipline to manage projects and guide team members; 20+ years of experience.	\$190.00/hr
Senior Project Manager	A professional responsible for managing staff, providing leadership, assessing project deadlines and financial expenditures, monitor projects' quality and safety for medium to large scale engineering projects; 15+ years of experience.	\$175.00/hr
Construction Manager	A professional responsible for leading and directing field service personnel including inspectors and technicians in specific construction projects; 12+ years of experience.	\$155.00/hr
Project Manager	A professional responsible for leading and directing geotechnical engineers/geologists in specific projects; 12+ years of experience.	\$145.00/hr
Senior Project Engineer or Geologist	A professional who works independently on small and large projects, as well as team member for more complex projects; Responsible to evaluate, select, specify, and engineer solutions for a project; 8+ years of experience.	\$140.00/hr
Project Engineer or Geologist	A professional who performs geotechnical analysis and study to assess project site condition; Plans and manages geotechnical exploration; 3-8 years of experience.	\$112.00/hr
Staff Engineer or Geologist	A professional who monitors drilling operations; Takes and analyzes soil samples, and classify soil and rocks; Assists project engineer in preparing analysis and reports; 0-3 years of experience.	\$95.00/hr
CAD Technician	A professional with specific experience in design, mapping, technical graphic, GIS and computer applications for transportation projects; 0-10 years of experience.	\$80.00/hr
Inspector I	A professional to provide special inspection including drilled shaft installation, reinforcement, foundation excavation; familiar with material testing for concrete, soil and asphalt. 0-3 years of experience	\$98.00/hr
Inspector II	A professional to provide special inspection including drilled shaft installation, reinforcement, foundation excavation; familiar with material testing for concrete, soil and asphalt. 3-6 years of experience	\$112.00/hr
Inspector III	A professional to provide special inspection including drilled shaft installation, reinforcement, foundation	\$125.00/hr

	excavation; familiar with material testing for	
Technician I	concrete, soil and asphalt. 6 to 12 years of experience A professional who test and analyze samples to determine their properties; Collect or prepare solid or fluid samples for testing; Present results to supervisor or engineer; Maintain and update database; 0+ years of experience.	\$60.00/hr
Technician II	A professional who test and analyze samples to determine their properties; Collect or prepare solid or fluid samples for testing; Present results to supervisor or engineer; Maintain and update database; 4-6 years of experience.	\$72.00/hr
Technician III	A professional who test and analyze samples to determine their properties; Collect or prepare solid or fluid samples for testing; Present results to supervisor or engineer; Maintain and update database; 6-12 years of experience.	\$88.00/hr
Administrative Assistant	Administrative assistants handle general office tasks and administrative duties, such as directing communications between colleagues and customers, organizing schedules and events, entering data, bookkeeping, maintaining office equipment and so on.	\$75.00/hr
Lab Supervisor	Supervise and assist in performing laboratory testing, maintain quality control of laboratory testing and results, review laboratory test results, and prepare results report for engineers.	\$100.00/hr

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:	Granite Engineering Group, Inc.	

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

Actual Costs

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

Texas

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States	Counties	Exhibit D-1
Colorado	(blank)	
Oklahoma		

Metropolitan Statistical Areas **(blank)**

SUB TEAM MEMBERS

Sub: Livable Cities Studio

List <u>ALL</u> 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

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:	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

 $\begin{array}{c} \underline{\text{Item}} & \underline{\text{Charge Rate}} \\ \text{Copies (8 1/2 x 11")} & \$0.10\text{/ each} \\ \text{Copies (8 1/2 x 14")} & \$0.10\text{/ each} \\ \text{Red-line copies} & \text{At Cost} \\ \text{Reproducibles} & \text{At Cost} \\ \end{array}$

SUB TEAM MEMBERS

Sub: Moby	ycon
Sub: <u>Iviob'</u>	ycon

List <u>ALL</u> 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.
Project Manager	Project management and administration, client meeting and communication, public involvement and quality control	200
Integrated Mobility Specialist	Undertaking the technical components of Multimodal and Transportation Planning projects, including background information review and analysis, policy and concept design development and deliverable preparation	185
Principal	Expert advisory	300
Associate Planner	Multimodal mobility planning and team technical support	165

REIMBURSABLE EXPENSES

Sub:	
The additional expenses reimbursable by the City shall specifications requested by the City. Travel/transportat Primes.	
Actual Costs	
<u>Item</u>	Charge Rate
Copies (8 1/2 x 11")	\$/ each
Copies (8 1/2 x 14")	\$/ each
Red-line copies	\$/ S.F.
Reproducibles	\$/ page

SUB TEAM MEMBERS

Sub: Nelson\Nygaard Consulting Associates, Inc.

List <u>ALL</u> 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 Principal 2	Project Principal-in-Charge, Project Management, Project Technical Advisory, Oversight of Task Work, Subconsultant Management, Facilitation, Quality Assurance and Control	\$295
Senior Principal 1	Project Principal-in-Charge, Project Management, Project Technical Advisory, Oversight of Task Work, Subconsultant Management, Facilitation, Quality Assurance and Control	\$265
Principal 3	Project Principal-in-Charge, Project Management, Project Technical Advisory, Oversight of Task Work, Subconsultant Management, Facilitation, Quality Assurance and Control	\$250
Principal 2	Project Principal-in-Charge, Project Management, Project Technical Advisory, Oversight of Task Work, Subconsultant Management, Facilitation, Quality Assurance and Control	\$235
Principal 1	Project Principal-in-Charge, Project Management, Project Technical Advisory, Oversight of Task Work, Subconsultant Management, Facilitation, Quality Assurance and Control	\$215
Associate Principal	Project Principal-in-Charge, Project Management, Project Technical Advisory, Oversight of Task Work, Subconsultant Management, Facilitation, Quality Assurance and Control	\$195
Senior Associate II	Project Management, Deputy Project Management, Technical Task Lead, Planning and Analysis Oversight, Expert Technical Analysis	\$175
Senior Associate I	Project Management, Deputy Project Management, Technical Task Lead, Planning and Analysis Oversight, Expert Technical Analysis	\$160
Associate III	Deputy Project Management, Transportation Planning	\$150
Associate II	Deputy Project Management, Transportation Planning	\$140
Associate I	Transportation Planning	\$120
Intern	Transportation Planning	\$90
Senior Associate Engineer II	Project Manager, Project Advisor, Transportation Engineering	\$200
Senior Associate Engineer	Project Manager, Project Advisor, Transportation Engineering	\$180
Associate Engineer III	Transportation Engineering	\$165
Associate EIT III	Transportation Engineering	\$150
Associate Engineer II	Transportation Engineering	\$155
Associate EIT II	Transportation Engineering	\$140
Associate Engineer I	Transportation Engineering	\$125

Title/Classification	Responsibilities	Rate/Hr.
Associate EIT I	Transportation Engineering	\$115
Data/Visual	Project Manager, Advisor, Developing, Overseeing,	\$195
Communications Manager	Organizing, Storing, and Analyzing Data and Data Systems	
Assistant Data	Project Manager, Analysis, Modeling, Design	\$180
Manager/Senior Data		
Scientist/Senior Modeler		
2/Senior Designer 2		
Data Scientist/Senior	Project Manager, Advisor, Analysis, Modeling, Design	\$160
Modeler 1/Senior		
Designer 1		
Data Analyst/Modeler/	Analysis, Modeling, Design	\$140
Designer		
Junior Data Analyst/	Analysis, Modeling, Design	\$120
Modeling Analyst/ Junior		
Designer		
Marketing/ Office/ Project	Marketing, Administrative, and Project Support	\$80
Assistant		

REIMBURSABLE EXPENSES

Sub: Nelson\Nygaard Consulting 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> Copies (8 1/2 x 11") Copies (8 1/2 x 14")	Charge Rate \$3.00/ each \$4.00/ each
Red-line copies Reproducibles	\$Quote/ S.F. \$Quote/ page

SUB TEAM MEMBERS

Sub: OV Consulting

List <u>ALL</u> 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

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>	Charge Rate		
Copies (8 1/2 x 11")	\$_0.20 / each Black/White, \$1.00		
	each Color		
Copies (11 x 17")	\$_2.00 / each		
Large format plotter prints	\$ <u>6.00</u> / S.F.		
Reproducibles	\$_1.00 / page		

SUBFIXAMMEBHERS

Sub: Pinyon Environmental, Inc.

List <u>ALL</u> 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

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

SUB TEAM MEMBERS

Sub: Project Vision 21

List <u>ALL</u> 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 consultant	Supervises and provides all consulting services	\$150.00

REIMBURSABLE EXPENSES

Sub: Project Vision 21

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>	Charge Rate
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

SUB TEAM MEMBERS

Sub: Progressive Urban Management Associates, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
President	Leadership facilitation, lead policy strategist and financial analyst	\$ 225.00
Senior Vice	Market and financial analysis, strategic	\$ 175.00
President	planning, project management	
Senior	Group facilitation and community engagement,	\$ 175.00
Strategist	equity and inclusion policies	
Vice President	Strategic planning, group facilitation and community engagement, project management	\$ 150.00
Senior	Market research and analysis, strategic	\$ 150.00
Associate	planning, support community engagement	
Associate	Research, group facilitation and community engagement	\$ 135.00
Intern	Support for research and engagement	\$ 75.00

REIMBURSABLE EXPENSES

Sub: Progressive Urban Management 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 - No Costs Anticipated

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

SUB TEAM MEMBERS

Sub:	Ridgeview Data Collection	

List <u>ALL</u> 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 and quality control	\$106
Project Manager	Project Management	\$82
QC/Report Technician	Report preparation and quality control	\$76
Field Technician	On-site data collection	\$64
Data Analysis Tech	Computer analysis of video and data compilation	\$64

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:	
*	y shall include the actual cost to reproduce drawings and asportation costs shall not be reimbursed by the City for
Actual Costs	
<u>Item</u>	Charge Rate
Copies (8 1/2 x 11")	\$/ each
Copies (8 1/2 x 14")	\$/ each
Red-line copies	\$/ S.F.

Reproducibles

\$_____/ page

Firm Exhibit nBengineering, LLC

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

SUB TEAM MEMBERS

Sub: TRIUNITY, INC.

List <u>ALL</u> 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

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

REIMBURSABLE EXPENSES

Sub:	
The additional expenses reimbursable by the City shall incluse specifications requested by the City. Travel/transportation of Primes.	1
Actual Costs	
<u>Item</u>	Charge Rate
Copies (8 1/2 x 11")	\$/ each
Copies (8 1/2 x 14")	\$/ each
Red-line copies	\$/ S.F.
Reproducibles	\$/ page

SUB TEAM MEMBERS

Sub: <u>UrbanTrans Consultants</u>, Inc. dba <u>UrbanTrans North America</u>

List <u>ALL</u> 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.
Project Director	Oversees projects	\$227.00
Project Manager	Manages projects	\$167.00
TDM Specialist	Provides direct expertise pertaining to TDM	\$102.00
Shared Mobility	Provides direct expertise pertaining to shared	\$151.00
Specialist	mobility	
GIS Specialist	Provides GIS support and analysis	\$127.00
Planner	Provides planning support including data analysis	\$96.00
Senior	Provides marketing and outreach guidance	\$156.00
Marketing Lead		
President	Strategic planning	\$288.00

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

REIMBURSABLE EXPENSES

Sub:	
The additional expenses reimbursable by the City shall specifications requested by the City. Travel/transportat Primes.	
Actual Costs	
<u>Item</u>	Charge Rate
Copies (8 1/2 x 11")	\$/ each
Copies (8 1/2 x 14")	\$/ each
Red-line copies	\$/ S.F.
Reproducibles	\$/ page

SUB TEAM MEMBERS

Sub:	Vanasse Hangen Brustlin, Inc. (VHB)	
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List <u>ALL</u> 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. Project Manager/ Transportation Engineer	Responsible for providing strategic direction, vision, and leadership. Performs senior-level QA/QC and conducts meetings and negotiations with regulatory and oversight agencies.	\$310
Project Controls Administrator	Responsible for project controls and general project administration including the processing of project invoices, establishing project files and project close out	\$130

REIMBURSABLE EXPENSES

Sub:	
The additional expenses reimbursable by the City sh specifications requested by the City. Travel/transpo Primes.	1
<u>Actual Costs</u>	
<u>Item</u>	Charge Rate
Copies (8 1/2 x 11")	\$/ each
Copies (8 1/2 x 14")	\$/ each
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Reproducibles	\$/ page

SUB TEAM MEMBERS

Sub: YY2K Engineering LLCK Engineering, LLC

List <u>ALL</u> 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.
Project Principaloject Pr	inEipnsp. Planning & Engineering, Project Management	\$240.00
Sr. Professional IIr. Pro	fessibile Matter Expert, Transp. Planning & Engineering	\$235.00
Sr. Professional Ir. Prof	essubject Matter Expert, Transp. Planning & Engineering	\$210.00
Professionalessional	Subject Matter Expert, Transp. Planning & Engineering	\$190.00
Project Manager – Sr.ed	t Management	\$215.00
Sr. Project Managerect Man	na Civil Engineering and Project Management	\$190.00
Engineer IVneer IV	Transportation Engineering, Project Management	\$205.00
Engineer IIIngineer III	Transportation Engineering, Project Management	\$190.00
Engineer IIngineer II	Transportation Engineering, Project Management	\$175.00
Engineer Igineer I	Transportation Engineering	\$160.00
Programmerr	Software Programming	\$190.00
Transportation Planner IV	sputation Plane Planning, Project Management	\$190.00
Transportation Planner III spoFtation Planning, Project Management		\$165.00
Transportation Planner IIsp@ransportation Planning		\$140.00
Transportation Planner I	Transportation Planning	\$125.00
Designer IIIsigner III	Designer, CAD, GIS, and Analysis Support Work	\$140.00
Designer IIgner II	Designer, CAD, GIS, and Analysis Support Work	\$130.00
Designer Iner I	Designer, CAD, GIS, and Analysis Support Work	\$120.00

SUB TEAM MEMBERS

Sub: YY2K Engineering LLC Engineering, LLC

List <u>ALL</u> 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.
Project Administratorl	Project Administration and Records Management	\$110.00
Graphic Designer	Multimedia Design, Visualization	\$110.00
Technician – Sr.	Transportation Planning and Engineering Support	\$95.00
Technician	Transportation Planning and Engineering Support	\$70.00

REIMBURSABLE EXPENSES

Sub:	YY2K Engineering LLCK Engineering, LLC	
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Actual Costs

<u>Item</u>	Charge Rate	
Copies (8 1/2 x 11")	\$none/ eac	ch
Copies (8 1/2 x 14")	\$none/ eac	ch
Red-line copies	\$none/ S.I	₹.
Reproducibles	\$none_/ pag	ge