

SECOND AMENDMENT TO ON-CALL CONTRACT SERVICES AGREEMENT

THIS SECOND AMENDMENT TO ON-CALL CONTRACT SERVICES AGREEMENT is made and entered into by and between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado (“City”), and **MULLER ENGINEERING COMPANY, INC.** (the “Design Consultant” or “Consultant), a Colorado corporation, whose address is 777 South Wadsworth Boulevard, Ste. 4-100, Lakewood, Colorado 80226 (the “Consultant”), jointly “the parties.”

WITNESSETH:

WHEREAS, Consultant and the City entered into an On-Call Engineering Services Agreement dated September 19, 2016, and an Amendatory Agreement dated September 20, 2019 (collectively, the “Agreement”); and

WHEREAS, the Parties desire to amend the Agreement to extend the term of the Agreement.

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

1. All references to “...Exhibit B...” in the Agreement shall be deleted in its entirety and replaced with: “...Exhibit B-1...” as applicable. The consultant rates marked as **Exhibit B-1** attached to this Second Amendment To On-Call Contract Services Agreement is hereby incorporated by reference.

2. Section 4 of the Agreement entitled **TERM AND TERMINATION** Sub-paragraph 4.01 entitled “**Term**” is amended to read as follows:

“4. **TERM AND TERMINATION:**

4.01 Term: The term of the Agreement runs from September 28, 2016 through September 27, 2022, unless terminated earlier as provided in this Agreement or unless extended as provided in this section 4 (“Term”). If the term of any Task Order or Task Order Change extends beyond the Term specified above, this Agreement shall remain in full force and effect but only as to such Work; however, the total amount paid to the Consultant shall not exceed the Maximum Contract Amount specified in sub-section 3.06.”

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

4. This Second Amendment To On-Call Contract 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.

**REMAINDER OF PAGE LEFT INTENTIONALLY BLANK
[SIGNATURE PAGES FOLLOW]**

Contract Control Number: DOTI-202159565-02[201629325-02]
Contractor Name: MULLER ENGINEERING COMPANY, INC.

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

SEAL

CITY AND COUNTY OF DENVER:

ATTEST:

By:

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

Attorney for the City and County of Denver

By:

By:

By:

Contract Control Number:
Contractor Name:

DOTI-202159565-02[201629325-02]
MULLER ENGINEERING COMPANY, INC.

By: DocuSigned by:
Gray Clark
4457756D711C45F... _____

Name: Gray Clark
(please print)

Title: President
(please print)

ATTEST: [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)

Exhibit B-1

CONSULTANT TEAM MEMBERS**PRIME CONSULTANT:** Muller Engineering Company, Inc. (page 1 of 2)

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

Title/Classification	Responsibilities	Rate/Hr.
Principal Engineer 3	Project principal-in-charge and provides project direction, technical advice and QA/QC oversight.	\$224
Principal Engineer 2	Plans, designs and directs civil engineering projects and is specifically responsible for contract administration, project budgets & schedules.	\$214
Principal Engineer 1	Plans, designs and directs civil engineering projects and is specifically responsible for contract administration, project budgets & schedules.	\$205
Sr. Project Manager 9	Plans, designs and directs civil engineering projects, reports and construction schedules as well as directing and supervising other engineer's activities.	\$214
Sr. Project Engineer/Manager 8	Plans, designs and directs civil engineering projects, reports and construction schedules as well as directing and supervising other engineer's activities.	\$205
Sr. Project Engineer/Manager 7	Plans, designs and directs civil engineering projects and reports as well as directing technicians to convert designs to working drawings.	\$194
Sr. Project Engineer/Manager 6	Plans, designs and directs civil engineering projects and reports as well as directing technicians to convert designs to working drawings.	\$178
Environmental Planning Manager	Plans & directs multidisciplinary teams for environmental planning projects and reports applying knowledge of regulatory and policy guidelines as well as directing/supervising others.	\$186
Construction Manager 5	Oversees construction related services for the construction phase of civil engineering projects.	\$152
Project Engineer 5	Uses computer engineering and design software to assist in the preparation of engineering and design documents.	\$161
Project Engineer 4	Uses computer engineering and design software to assist in the preparation of engineering and design documents.	\$143
Design Engineer 3	Engineering intern providing development-level engineering work using standard techniques and procedures.	\$130
Design Engineer 2	Engineering intern providing development-level engineering work using standard techniques and procedures.	\$118
Design Engineer 1	New graduate engineer intern providing beginning level of engineering work using standard techniques and practices.	\$106
Environmental Planner 2	Performs advanced aspects of environmental planning assignments applying knowledge of environmental planning principles and practices.	\$143
Environmental Planner 1	Performs routine aspects of environmental planning assignments applying knowledge of environmental planning principles and practices.	\$106
CAD Manager	Manages projects to assure conformance to client and engineering requirements. Provides technical advice, supervision and coordination to operators and designers.	\$150

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.06. 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.

CONSULTANT TEAM MEMBERS

PRIME CONSULTANT: Muller Engineering Company, Inc. (page 2 of 2)

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

Title/Classification	Responsibilities	Rate/Hr.
Sr. Designer 3	Develops plans and prepares drawings, design and model requirements from conceptual information through construction documentation.	\$144
Sr. Designer 2	Establishes design criteria and performs engineering calculations for designs.	\$135
Designer 1	Provides technical engineering support for designing, planning and execution of projects.	\$126
GIS Specialist 2	Provides GIS data support services for civil engineering projects.	\$126
GIS Specialist 1	Provides GIS data support services for civil engineering projects.	\$106
CADD Operator 4	Provides drafting and plan reproduction services for engineers during the planning, design and construction of civil engineering projects.	\$117
CADD Operator 3	Provides drafting and plan reproduction services for engineers during the planning, design and construction of civil engineering projects.	\$106
CADD Operator 2	Provides drafting and plan reproduction services for engineers during the planning, design and construction of civil engineering projects.	\$95
CADD Operator 1	Provides drafting and plan reproduction services for engineers during the planning, design and construction of civil engineering projects.	\$85
Project Accountant	Directs and is responsible for accounting practices, maintenance of fiscal records and the preparation of financial reports.	\$124
Project Coordinator	Provides project-specific support services.	\$99
Administrative Support	Provides a wide variety of administrative and staff support services.	\$87
Intern	College student in an engineering discipline who assists with project assignments under the direction of engineering professional.	\$66

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.06. 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.

REIMBURSABLE EXPENSES

Prime Consultant: Muller Engineering Company, 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:

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>0.10</u> / each
Copies (8 1/2 x 14")	\$ <u>0.10</u> / each
Red-line copies	\$ <u>0.30</u> / S.F.
Reproducibles	\$ <u>2.00</u> / page

SUB-CONSULTANT TEAM MEMBERS

Firm Name: A.J. Ventures, Inc.

Title/Classification	Responsibilities	Rate/Hr.
Utility Potholes		\$300.00/EA

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

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.

REIMBURSABLE EXPENSES

SUB-CONSULTANT: A.J. Ventures, 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:

1. Actual cost of transportation when authorized by the City under this Agreement.
2. Actual cost of reproduction of drawings and specifications.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 ½ x 11)	\$ <u>NA</u> / each
Copies (8 ½ x 14)	\$ <u>NA</u> / each
Red-line copies	\$ <u>NA</u> / S.F.
Reproducibles	\$ <u>NA</u> / page

SUB-CONSULTANT TEAM MEMBERSFirm Name: All Traffic Data Services, 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	Quality Control	\$75.00
Manager	Data Review	\$62.50
Technician	Field Work	\$50.00

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

Unless expressly authorized by the City as part of any approved project proposal or specified in the contract, the City will not compensate the Consultant for expenses such as postage, travel, mileage, telephone, reproduction and messenger service costs incurred in connection with Work performed under this Agreement. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproduces, etc. are not included in the hourly rates, and will be itemized as part of each on-call task order as a not-to-exceed reproducible expense and will be reimbursed at actual cost.

REIMBURSABLE EXPENSES

SUB-CONSULTANT: All Traffic Data Services

(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.

Actual Costs

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

SUB-CONSULTANT TEAM MEMBERSFirm Name: Clanton and Associates

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

Title/Classification	Responsibilities	Rate/Hr.
Chief Executive Officer	P.E. / Quality / Vision	\$317.00
President	P.E./Process Management/Contracts/Quality/HR	\$300.00
Principal	P.E./Process Management/Contracts/Quality	\$219.00
Associate	P.E./Process Management/Contracts/Quality	\$202.00
Sr. Engineer II	P.E./Project Manager/Lighting & Electrical	\$197.00
Sr. Engineer I	P.E./Project Manager/Lighting & Electrical	\$153.00
Engineer II	Lighting/Electrical/Calcs/Documentation/Reports	\$142.00
Engineer I	Lighting/Electrical/Calcs/Documentation/Reports	\$126.00
Sr. Designer II	Project Manager/Lighting Controls	\$175.00
Sr. Designer I	Project Manager/Lighting Controls	\$153.00
Designer II	Lighting/Calcs/Documentation/Reports	\$137.00
Designer I	Lighting/Calcs/Documentation/Reports	\$120.00
Intern	Lighting/Calcs/Documentation/Reports	\$98.00
Production Manager	CADD Management/Standards	\$175.00
Sr. CADD Technician	CADD Drafting	\$120.00
CADD Technician	CADD Drafting	\$93.00
Marketing Manager	Proposal Development/Marketing	\$87.00
Office Manager	Administration	\$87.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.75 .

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.

REIMBURSABLE EXPENSES

SUB-CONSULTANT: Clanton and Associates

(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.

Actual Costs

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

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Harris Kocher Smith

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	Management of survey projects and managers	\$200.00
Associate Principal	Management of survey projects and managers	\$180.00
Survey Manager	Management of survey projects and managers	\$160.00
Survey Project Manager	Management of survey projects	\$135.00
Construction Survey Manager	Management of survey construction staking projects	\$135.00
Project Surveyor	Drafting, calculations, written property descriptions	\$115.00
Two Person Crew	Survey field work	\$185.00
One Person Crew w/ GPS	Survey field work	\$145.00

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

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.

REIMBURSABLE EXPENSES

SUB-CONSULTANT: Harris Kocher Smith

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

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

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")	\$ <u>.06</u> / each
Copies (8 1/2 x 14")	\$ <u>.12</u> / each
Red-line copies	\$ <u>.41</u> / S.F.
Reproducibles	\$ <u>n/a</u> / page

SUB-CONSULTANT TEAM MEMBERS

Firm Name LindaWilsonGroup

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	Strategies, Client Relationships, budgets, day-to-day outreach \$75 per hour x 1.56% = \$117 per hour	\$117
Account Manager	Day-to-day public outreach activities \$45 per hour x 1.56% =\$70 per hour	\$70

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 1.56

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.

REIMBURSABLE EXPENSES

SUB-CONSULTANT: LindaWilsonGroup

(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.

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

MUNDUS BISHOP**2021 STANDARD RATES AND CHARGES**

Mundus Bishop is flexible to arrange fees and charges for individual projects in accordance with the needs of our clients.

The following is a list of standard rates and charges for Mundus Bishop:

LABOR

Principal	\$ 170.00/hr.
Project Manager	\$ 150.00/hr.
Senior Landscape Architect / Senior Planner	\$ 125.00/hr.
Project Landscape Architect / Planner	\$ 104.00/hr.
Staff Landscape Architect / Planner	\$ 90.00/hr.
Landscape Designer	\$ 85.00/hr.
Administrative	\$ 111.00/hr.
Clerical	\$ 70.00/hr.

DIRECT EXPENSES

All project related expenses such as printing / reproduction, photography and supplies are invoiced at cost. Travel is invoiced at current IRS accepted rate.

GIS Unit Rental	\$ 315.00/wk.
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January 2021

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Pinyon Environmental, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
<i>Expert Witness</i>	Expert Witness Preparation and Deposition	\$250
<i>Principal Engineer/Scientist</i>	QA/QC by Principal or Senior Technical Reviewer, Meetings with Regulatory and Oversight Agencies	\$224
<i>Senior Engineer/Scientist</i>	Remediation, Engineering Design, Investigation Design, Development of Work Plans, Database Design, Training, Industrial Hygiene	\$201
<i>Sr. Project Manager</i>	Leads Agency Meetings; Coordinates with Regulatory Agencies; Provides Senior-Level QA/QC; Leads Multi-Disciplinary Teams	\$179
<i>Project Manager</i>	Project Management, Coordinates Multi-Disciplinary Teams, Response to Agency Questions, Project Meetings with Clients/Regulators	\$153
<i>Project Specialist</i>	Reports to Regulatory and Oversight Agencies, Preparation of Permits, GIS Library Development and Data Analysis, Technical Review of Documents	\$127
<i>Project Engineer/Scientist</i>	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	\$117
<i>Staff II Engineer/Scientist</i>	Soil Logging, Monitoring Well Installation Oversight, Water-Level Surveying, Slug Tests, Field Oversight, Lead Driller, Miscellaneous Field Services, Asbestos Building Inspector	\$94
<i>Staff I Technician</i>	Groundwater Sampling, Sampling During UST Removals, Surveyor's Assistant	\$98
<i>Drafting (Graphics)</i>	AutoCad or Microstation Drafting	\$98
<i>Project Assistant</i>	Data Management	\$86
<i>Word Processing, Clerical</i>		\$67

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.93.

Unless expressly authorized by the City as part of any approved project proposal or specified in the contract, the City will not compensate the Consultant for expenses such as postage, travel, mileage, telephone, reproduction and messenger service costs incurred in connection with Work performed under this Agreement. Such costs are, in all such instances, included in the hourly rates paid by the City. Reproduction of submittals requested by the City including such items as end-of-phase reports, drawings, bid documents, record drawing reproductions, etc. are not included in the hourly rates, and will be itemized as part of each on-call task order as a not-to-exceed reproduction expense and will be reimbursed at actual cost.

REIMBURSABLE EXPENSES

SUB-CONSULTANT: Pinyon Environmental, Inc.

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

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

Actual Costs

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

LUMP SUM EQUIPMENT CHARGES

- Field Visits (General Projects) \$40/day
- Field Visits (Wetland Delineations and Other Biology Field Activities) \$50/day or \$100/week
- Soil Logging (during drilling) \$105/boring
- Monitoring well development \$55/well
- Monitoring well sampling \$67/well
- Asbestos Sampling Kit \$45/day
- Asbestos Air Monitoring Field Kit \$110/day

OTHER FEES

- Outside Expenses (e.g. rental equipment) Cost + 10%
- Subcontractor/Subconsultant/Laboratory Fees Cost
- Specialty In-House Equipment Billed as Indicated in Site-Specific Proposals

SUB-CONSULTANT TEAM MEMBERS

PRIME CONSULTANT: Toole Design Group, LLC

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

Title/Classification	Responsibilities	Rate/Hr.
Principal	Provides senior-level client contact and services, and is ultimately responsible for team performance.	\$363
Senior Advisor	Provides overall quality assurance and quality control of the entire project.	\$275
Project Manager	Plans and manages the project delivery process for large or complex projects. Leads engagement efforts and is the primary contact to the client.	\$223
Engineering Lead II	Responsible for quality control of engineering products; leads preparation of complex engineering efforts, allocates staff and resources, ensures project compliance.	\$285
Engineering Lead I	Responsible for quality control of engineering products; leads preparation of engineering efforts and provides direction to junior staff and interface with clients.	\$266
Senior Engineer	Responsible for overall quality control, leads preparation of design efforts and provides direction to junior staff and interface with clients.	\$208
Project Engineer	Prepares design criteria and design analysis reports, develop contract documents (plans and specifications), develops opinions of cost.	\$189
Engineer II	Designs and completes project elements, prepares reports, specifications, and calculations under supervision.	\$152
Engineer	Designs and completes project elements under supervision, data entry and analysis, prepares graphics and designs using design software, conducts quantity takeoffs and price research.	\$122
Urban Designer	Designs and completes project elements under supervision, completes tasks related to landscape architecture and urban design technical criteria, methods, graphical techniques, skills.	\$187

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.11

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

SUB-CONSULTANT TEAM MEMBERS**PRIME CONSULTANT:** Toole Design Group, LLC

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.
Planning Lead II	Responsible for quality control of planning products, leads preparation of complex planning efforts, allocates staff and resources, ensures project compliance.	\$278
Planning Lead I	Responsible for quality control of planning products; leads preparation of planning efforts and provides direction to junior staff and interface with clients.	\$251
Senior Planner	Prepares analysis reports, develops preliminary improvement recommendations, leads data gathering and GIS mapping efforts, supports engineering efforts and oversees public involvement material development.	\$212
Project Planner	Directs and oversees production of work products for multiple small to medium sized efforts, assists with analysis reports, develops recommendations, leads data gathering.	\$182
Planner II	Completes planning project elements and prepares reports under supervision, manages individual tasks, speaks at community meetings,	\$148
Planner	Under supervision, supports report development, conducts data entry and analysis, prepares graphics, supports clients and public meetings, performs fieldwork and on site data gathering activities.	\$121
Landscape Architect Lead	Applies broad multi-disciplined knowledge of landscape architecture and urban design technical criteria, standard methods, and techniques to design tasks.	\$228
Senior Landscape Architect	Oversees landscape architecture designs, develops contract documents, develops opinions of cost within streetscape and landscaping focus areas, develops environmentally sustainable design.	\$180
Landscape Architect	Designs and completes landscape architecture and urban design documents, manages projects, prepares cost estimates for complex projects, prepares specifications, manages engagement efforts	\$135
Designer II	Designs and completes project elements under supervision, prepares graphics and designs using various design software programs, prepares cost estimates for non-complex projects.	\$114

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.11

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

SUB-CONSULTANT TEAM MEMBERS**PRIME CONSULTANT:** Toole Design Group, LLC

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.
Designer	Prepares graphics and technical files, under supervision, using CADD, Sketchup, Photoshop, and InDesign software, prepares layout of landscape plans, conducts takeoffs.	\$108
Graphic Designer	Leads development of marketing materials, facilitates graphic design meetings with stakeholders, fluent in Adobe Creative Suite.	\$171
CADD Manager	Manages the CADD operations of the firm, responsible for CADD helpdesk support, prepares project CADD drawings.	\$192
GIS Analyst	Responsible for GIS databases, designs new and updates existing maps, prepares metadata and other information.	\$142
GIS Specialist	Completes GIS analysis and map creation under supervision, follows data management protocol, conducts fieldwork data gathering activities.	\$120
Intern	Assists with data gathering, research, and document production.	\$83
Administration	Technical-level services involving the preparation of project deliverables, word processing and project accounting.	\$88

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.11

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

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Triunity Engineering & Management, 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.
ITS Engineer	Network Fiber	163.63
Construction Inspector	Construction Inspection for ITS	116.96
Project Manager	Traffic and Program Management	226.70
Civil Engineer	Civil Engineering	174.38
Estimating Project Manager	Cost Estimating	109.51
Construction Manager	Construction Inspection for civil/structural Dave Lewis)	122.38
Construction Manager	Construction Management/Inspection Lead	145.73
Sr. Traffic Engineer (PE)	Traffic and Program Management	226.70
Communications Designer	Communication Systems Design	187.56
Sr. Communications Engineer	Communications & Control Systems Engineering	282.84
Program Controls Manager	Program Controls Lead	211.90
Project Manager – Project Controls	Project management, Project Controls Lead, Construction Administration	258.27

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

Direct Labor X 2.161 X 1.1

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REIMBURSABLE EXPENSES

SUB-CONSULTANT: Triunity Engineering & Management, 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.

<u>Item</u>	<u>Actual Costs</u>	<u>Charge Rate</u>
Copies (8 1/2 x 11")		\$.04/ each (per side)
Copies (8 1/2 x 14")		\$.06/ each (per side)
Red-line copies		\$1.10/ S.F.
Reproducibles		\$1.132/ S.F.
		24 X 36 = .79/sheet
		30 X 42 = 1.19/sheet

SUB-CONSULTANT TEAM MEMBERS

FIRM NAME: Yeh and Associates

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

Title/Classification	Responsibilities	Rate/Hr.
Principal	Ensure project receives all needed support. Review schedule, budget.	\$180
Senior Project Manager	Responsible for day to day management of project.	\$160
Project Manager	Responsible for day to day management of limited scope projects.	\$135
Sr. Engineer/Geologist	Performs engineering/geological investigations.	\$115
Project Engineer/Geologist	Performs investigations, prepares reports.	\$100
Staff Engineer/Geologist	Performs calculations, sketches, checks drawings supplied by others.	\$85
Engineer/Geologist Intern	Supports more senior geologists in investigations and evaluations.	\$60
Construction Project Manager	Performs construction inspection, submits daily reports, reviews specs.	130
Senior Field Inspector	Inspects construction, submits daily field reports.	\$105
Field Inspector	Provide construction inspection services, write field reports.	\$90
Senior Field Eng. Technician	Conducts tests on soils, concrete, asphalt. Is fully certified.	\$85
Field Eng. Technician	Samples and tests asphalt, concrete, aggregate, and soils.	\$68
Laboratory Supervisor	Organizes and oversees all lab activities for materials testing.	\$85
Laboratory Technician	Conducts tests on soils, concrete, asphalt.	\$62
Graphics/CAD Specialist	Prepares conceptual studies and designs.	\$105
CAD Technician	Assists in preparing CAD designs.	\$65
Administrative Assistant	Composes and types correspondence; maintains file system.	\$60

Laboratory tests are quoted on separate schedule or cost plus 15 percent for outside laboratory testing when applicable.

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rates: 1

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.

REIMBURSABLE EXPENSES

SUB-CONSULTANT: Yeh and Associates

(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.

Actual Costs

<u>Item</u>	<u>Charge Rate</u>
Copies (8 ½ x 11")	\$ 0 / each
Copies (8 ½ x 14")	\$ 0 / each
Red-line copies	\$ 0 / S.F.
Reproducibles	\$ 0 / page