

**DESIGN SERVICES
THIRD AMENDATORY AGREEMENT**

THIS THIRD AMENDATORY AGREEMENT is made and entered into between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado (the “City”), and **TSIOUVARAS SIMMONS HOLDERNESS, INC.**, (the “Design Consultant”), a Colorado corporation, whose address is 5690 DTC Boulevard, Level #3, Suite 345W, Greenwood Village, Colorado 80111.

RECITALS:

WHEREAS, The City and the Design Consultant previously entered into a Design Services Agreement dated December 14, 2010, an Amendatory Agreement dated May 4, 2012 and a Second Amendatory Agreement dated August 7, 2014 (the “Agreement”) for professional engineering design and related services; and

WHEREAS, the City and the Design Consultant wish to amend the Agreement to amend the fee for basic services, reimbursable expenses, additional services, increase maximum contract amount and extend the term.

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 A**” or “**Exhibit B**” in the existing Agreement shall be amended to read: “...**Exhibits A, A-1 and A-2**, and **Exhibits B, B-1 and B-2**, as applicable...” The Scope of Work marked as **Exhibit A-2** and the Fee Estimate Summary marked as **Exhibit B-2** are attached and incorporated herein by reference.

2. Section 3.01 of the Agreement, entitled “**Fee for basic services**” is hereby deleted in its entirety and replaced with:

“3.01 Fee for basic services. The City agrees to pay the Design Consultant, as full compensation for its basic services rendered hereunder, a fee not to exceed **Two Million Five Hundred Ninety-Seven Thousand Two Hundred Forty-four Dollars and No/100 (\$2,597,244.00)**, in accordance with the billing rates and project budget stated in **Exhibits B, B-1 and B-2**.”

3. Paragraph 3.02 of the Agreement, entitled “**Reimbursable Expenses**” is hereby deleted in its entirety and replaced with:

“3.02 Reimbursable Expenses. Except for those reimbursable expenses specifically identified in **Exhibits B, B-1 and B-2** or approved in writing by the City as reasonably related to or necessary for the Design Consultant’s services, all other expenses shall be included in the Design Consultant’s fee and will not be reimbursed hereunder. Unless this Agreement is amended in writing according to its terms to increase the Maximum Contract Amount, the total of reimbursable expenses will not exceed is **Twenty-Five Thousand Five Hundred Dollars and No/100 (\$25,500.00)** any increase in the maximum amount of reimbursable expenses will reduce the Design Consultant’s maximum fee amount accordingly.”

4. Paragraph 3.03 of the Agreement, entitled **“Additional Services”** is hereby deleted in its entirety and replaced with:

“3.03. Additional Services. If pre-approved additional services are performed by the Design Consultant, the City agrees to pay the Design Consultant for such additional services in accordance with Section 2.08. The maximum amount to be paid by the City for all additional services under this contract is **Three Hundred Thousand Dollars and No/100 (\$300,000.00)**.”

5. Paragraph 3.05(a) of the Agreement, entitled **“Maximum Contract Amount”** is hereby deleted in its entirety and replaced with:

“3.05 Maximum Contract Amount. Notwithstanding any other provision of the Agreement, the City’s maximum payment obligation will not exceed **Two Million Nine Hundred Twenty-two Thousand Seven Hundred Forty-four Dollars and No/100 (\$2,922,744.00)** (the “Maximum Contract Amount”). The City is not obligated to execute an Agreement or any amendments for any further services, including any services performed by Design Consultant beyond that specifically described in **Exhibits A, A-1 and A-2**. Any services performed beyond those set forth therein are performed at Design Consultant’s risk and without authorization under the Agreement.”

6. Paragraph **4.01** entitled **“Term”**, of the Agreement, is hereby deleted in its entirety and replaced with:

“4.01 Term. The term of this Agreement commenced on December 14, 2010 and shall expire on May 1, 2022, unless sooner terminated, upon final completion of the Project.”

7. This Third Amendatory Agreement may be executed in counterparts, each of which shall be deemed to be an original, and all of which, taken together, shall constitute one and the same instrument.

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

EXHIBIT LIST

Exhibit A-2 Scope of Work

Exhibit B-2 Fee Estimate Summary

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

Contract Control Number:

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:

By _____

By _____

By _____



Contract Control Number: PWADM-CE02011-03

Contractor Name: TSIUVARAS SIMMONS HOLDERNESS INC

By: George N. Tsouvaras

Name: GEORGE N. TSIUVARAS
(please print)

Title: PRESIDENT
(please print)

ATTEST: [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)



Exhibit A-2

Scope of Services

for

ENGINEERING SERVICES DURING CONSTRUCTION

for

**RECONSTRUCTION OF FEDERAL BOULEVARD
5TH AVE. TO HOWARD PLACE**

MASTER PROJECT CODE NO.: 2011-PROJMSTR- 0000364

Construction Project Code No.:2011-CIP-03640302

October 30, 2017

PROJECT SCOPE OF WORK POST DESIGN SERVICES

Tsiouvaras Simmons and Holderness (TSH) will provide construction phase design services for the Federal Blvd from 5th Avenue to Howard Place. TSH will provide services related to elements of the project which TSH designed.

The City of Denver will be responsible for all construction administration activities including inspections, documentation, quality assurance, review and approval of pay applications and coordination with the Contractor, property owners, and other agencies and departments within the City. The City plans to have one full-time City inspector who will be the primary person responsible for construction administration and other part-time City staff as needed to adequately administer the construction.

TSH will assist the City during the construction period by performing the following:

A. Services During Construction:

- a. TSH will provide routine project management to include reporting, invoicing and coordination for TSH and TSH's subconsultants.
- b. TSH will attend one Pre-Construction meeting with City and Contractor.
- c. TSH will attend one Partnering meeting with City and Contractor.
- d. TSH will attend construction progress meetings once a week (up to 80 meetings).
- e. TSH will review shop drawings and working drawings as requested by the City in accordance with subsection 105.02 of CDOT Standard Specification for Road and Bridge Construction.
- f. TSH or our subconsultants will review material submittals and other items to determine conformance to the design documents as requested by the City.
- g. TSH will provide clarification of design plans or specifications as requested by the City.
- h. TSH will review change order requests as requested by the City.
- i. TSH will make periodic project site visits as requested by the City to observe construction activities and progress. (Our fee includes 1 hour per week for 80 weeks.) When requested by the City, TSH will provide written reports identifying activities in progress or actions taken while making periodic site observations during the construction period.
- j. The Design Consultant will prepare "as-built" drawings based on information provided by the Contractor or City. The City will be responsible for obtaining red line information from the Contractor and providing it to TSH.
- k. TSH's subconsultant will provide construction services as requested by the City or TSH related to their area of expertise.
- l. TSH's subconsultant will assist with satisfying all requirements found in the "Documentation – Project Materials to Final Materials" section of the CDOT Field Materials Manual.

B. Construction Materials Testing Services:

The City has requested that Yeh and Associates, Inc. provide quality assurance requirements as required in the CDOT Field Materials Manual and materials testing services for the project. The scope of the materials testing work for construction will consist of providing one on-call materials tester and additional staff as requested by the City Project Engineer. An on-call testing technician will report to the Denver County Project Engineer, and report the test results to the project inspection staff. Yeh will utilize an available technician for this project depending on scheduling. Forty-eight (48) hours advance notice will be required to schedule proper staffing needs for Denver. Our technician will be based out of our Denver Lab at 2000 Clay Street, Denver Colorado 80211, and will utilize Yeh's certified lab for testing at that location. Additional staff time for lab work, and

availability of other personnel on this scope would be based on our attached contract rate sheet.

- a. Work will be measured using CCD bid schedule quantities accounting for materials used. Test materials incorporated into the work will be tested in accordance with the latest CDOT standards (CDOT 2018 Field Materials Manual).
- b. Provide compaction verification and provide test results to the inspection staff.
- c. Perform concrete tests as required by the project bid tabs in accordance with CDOT frequencies called out on the project's form 250 or equivalent, per the CDOT 2018 Field Materials Manual standards.
- d. Materials tester will perform tests at the project and transport materials samples to Yeh's Denver lab for testing. All work will be billed according to our rate sheet attached below. Materials like steel and pipe samples that require testing would be routed to the CDOT's lab for processing and testing. If CDOT is unable to perform the tests an outside lab may be required to perform testing.
- e. Yeh anticipates construction work occurring 5 days per week, seasonally during daylight hours for a total of 18+ months. The 9 phases for the preliminary schedule project breakdown would indicate that a tester would be on site at least 50% of the time, as paving will be occurring nearly continuously once demo by phase is completed. Testing requests are estimated to be a minimum of 4 hours per call, with 5 calls per week for budgeting purposes.
- f. Yeh will provide final documentation in accordance with all requirements of the CDOT Field Materials Manual, including those found in the "Documentation – Project Materials to Final Materials" section for the project within 4 weeks after the project is final accepted, and the final estimate has been processed.
- g. Yeh and Associates will perform its services in a manner consistent with the standard of care and skill ordinarily exercised by members of the profession practicing under similar conditions in the geographic vicinity and at the time the services will be performed. Therefore, no warranty or guarantee expressed or implied is part of the services offered by this proposal.
- h. Yeh and Associates will provide materials testing that satisfies the City and County of Denver-Public Works Department Minimum Frequency of Materials Sampling and Testing Standards.

Schedule

Services under this task order are anticipated to begin March 1, 2018 and extending through May 1, 2022. While the construction period is anticipated to last 18 months, there is a two-year warranty period for landscaping establishment and final acceptance by CDOT that will extend beyond the 18 months during which TSH's or our subconsultants services may be requested. TSH does not have control over the Contractor's construction schedule. Therefore, TSH's schedule is subject to change by the City or Contractor.

Expenses

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

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

this Agreement for the benefit of the City.

(4) Laboratory tests required for materials testing.

It is anticipated that reimbursable expenses for this Task Order may include plan set reproduction, laboratory testing, testing equipment, or similar expenses such as special testing by outside laboratories and shipping that are requested and approved by the City as needed to perform specific services requested.

Exhibit B-2

TASK NUMBER	TASK DESCRIPTION	Hourly Rates:	Mng	Proj.	Prof Engineer	Prof	Prof Engineer	Prof	Prof	EIT	Resident	CAD	Designer	Project	Admin	TSH \$	Sub Consultants							Task Total	Expenses Plan Set Reproduction, Lab Testing, Testing Equip.Ect	TOTAL	
			Principal	Manager	-5	Engineer -4	3	Engineer -2	Engineer -1	-3	Construction Eng	Operator 1	-4	Controls	III		Survey / ROW	Urban Design	Geotechnical	Lighting	Tunneling	Environmental	Other				
			235.57	216.39	216.39	171.06	156.60	123.57	100.52	95.56	202.21	74.30	165.51	134.13	104.69		Lund	Studio Insite	Yeh	Clanton	Shannon & Wilson	Pinyon					
F Services During Bid & Construction			GT	RL/DW/JS	RM	KD		MP				LN	SF	TB													
1 Services During Construction																											
1	Project Management & Sub coordination during construction		8	72										36	30	\$25,434									\$25,434		
2	Preconstruction Meeting			4												\$866									\$866		
3	Partnering Meeting (1/2 day)			4												\$866									\$866		
4	Attend Construction Meetings (Weekly for 80 weeks)			270		50										\$66,978									\$66,978		
5	Shop drawing Reviews			40		40			24							\$17,910									\$17,910		
6	Answer RFI's			80		80			16				20			\$35,915	\$0	\$10,190	\$9,720	\$3,100	\$7,410	\$5,000			\$71,335		
7	Periodic Observations (1 hours per week for 80 weeks)			40		40							40			\$22,118									\$22,118	\$1,750	
8	As Built Plans (based on info provided by Contractor/City)			16		20							80			\$20,124									\$20,124		
SUBTOTAL																\$190,211									\$225,631	\$1,750	\$227,381
2 Construction Materials Testing																											
1	Materials Testing (By Yeh) (See Yeh's additional detail sheet)			24										16	8	\$8,177		\$221,800							\$229,977	\$500	
SUBTOTAL																\$8,177									\$229,977	\$500	\$230,477
3 Additional Services																											
1	Additional Services (as requested by CCD)															\$0		\$0							\$0	\$50,000	
SUBTOTAL																\$0									\$0	\$50,000	
Construction Phase Services Total			1,058	8	550	0	230	0	0	40	0	0	140	52	38	\$198,388	0	10,190	231,520	3,100	7,410	5,000	0		\$2,250	\$507,858	
TOTAL			1,058	8	550	0	230	0	0	40	0	0	140	52	38	\$198,388	0	10,190	231,520	3,100	7,410	5,000	0		2,250	\$507,858	

CONSULTANT TEAM MEMBERS

PRIME CONSULTANT: Tsiouvaras Simmons Holderness, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
Managing Principal	General oversight, contracting, resource allocation, Q/A	\$235.57
Project Manager	Planning, directing, scheduling of TSH staff and coordination of subs	\$216.39
Prof. Engineer - 5	PE responsible for large & complex projects	\$216.39
Prof. Engineer - 4	PE typically with 12+ yrs exp., engineering specialist	\$171.06
Prof. Engineer - 3	PE typically w/8+ yrs exp., major responsibility technical	\$156.60
Prof. Engineer - 2	PE typically w/5 - 10 yrs exp. responsible for tech performance	\$123.57
Prof. Engineer - 1	PE typically w/4 - 7 yrs exp., working with supervision	\$100.52
EIT - 3	typically 3+ yrs exp., coordinates technical work	\$95.56
EIT - 2	typically 2+ yrs exp.	\$85.95
EIT - 1	entry level engineer	\$80.34
Resident Const Engineer	Associates or BS degree and 15+ years exp.	\$202.21
Const Obser - 2	Typically 10-15 years, provide oversight of construction project	\$136.52
Const Obser - 1	Typically 5-10 years, provide oversight of construction project	\$106.80
Technician - 2	Typically 2-5 years, on site record observations, Technical Train/Cert.	\$87.96

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.95

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

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

CONSULTANT TEAM MEMBERS

PRIME CONSULTANT: Tsiouvaras Simmons Holderness, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
Technician - 1	Typically 0-2 years, on site record observations	\$55.52
Designer - 4	15+ yrs exp. w/associate degree, overall design delivery responsibility	\$165.51
Designer - 3	10+ yrs exp. w/associate degree, multi discipline coordination	\$165.51
Designer - 2	8+ yrs exp., associate degree, eng calcs, 3D, supervisor	\$111.54
Designer - 1	4 - 8 yrs, assists in design	\$89.97
CAD Operator	Entry level designer	\$74.30
Project Controls	Cost controls, budgeting and invoicing	\$134.13
Admin III	Administrative support, contract administration	\$104.69
Admin II	Clerical support, meeting minutes, and office administration	\$69.94
Admin I	Clerical support	\$57.57

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.95

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

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

studioINSITE - Landscape Architecture and Irrigation Services

Federal Blvd, Denver, Colorado (Streetscape) March 29, 2017

				HOURS				FEE	
Team Member				studioINSITE Partner	studioINSITE Associate Principal	studioINSITE Planner/Urban Designer	HydroSystems KDI Irrigation Site Person	Total Hours/Task	
Hourly Rate				210	135	115	85		
1	Construction Observation (Landscape Architecture)								
	i	Site visits + field reports/summaries (4 total)			8.0	12.0		20.0	2,460.0
	ii	Submittal Approvals & RFIs			4.0	10.0		14.0	1,690.0
	iii	Local nursery visit to tag and review plant material				5.0		5.0	575.0
	iv	Substantial completion walkthrough & punchlist		1.0	3.0	5.0		9.0	1,190.0
	v	Punch list follow up		1.0	1.0	2.0		4.0	575.0
	vi	Reimbursable Expenses							300.0
		TOTAL (PHASE)						52.0	6,790.0
2	Construction Observation (Irrigation)								
	i	Site visits + field reports/summaries (4 total)					16.0	16.0	1,360.0
	ii	Submittal Approvals & RFIs					3.0	3.0	255.0
	iii	Substantial completion walkthrough & punchlist					16.0	16.0	1,360.0
	iv	Punch list follow up					5.0	5.0	425.0
		TOTAL (PHASE)						40.0	3,400.0
		Total Hours		2.0	16.0	34.0	40.0	52.0	
		Total Hours %		3.8%	30.8%	65.4%	76.9%	100.0%	
		TOTAL		\$420.00	\$2,160.00	\$3,910.00	\$3,400.00		\$10,190.00

SUB-CONSULTANT TEAM MEMBERS

Firm Name: studioINSITE

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

Title/Classification	Responsibilities	Rate/Hr.
Partner	Overall project guidance; quality control and assurance	210
Associate Principal	On-site construction review and observation; submittals; RFI's; punch list; quality control and assurance; project management	135
Senior Landscape Architect	On-site construction review and observation; submittals; RFI's; punch list; project management	125
Planner/Urban Designer	Assist with on-site construction review and observation; submittals; RFI's; punch list; project management; production support	115
Landscape Architect	Assist with technical exhibits associated with submittals and RFI's; production support	110
Associate Landscape Designer	Assist with graphic and technical exhibits; production support	100
Landscape Designer	Assist with graphic exhibits; production support	85
Administration/Clerical	Document proofing; billing	75
Intern	Production support	65

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

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

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

PROJECT COST WORKSHEET
Federal Boulevard - 6th Avenue to Howard Place - Post-Design Construction Support

FIRM NAME: Yeh and Associates

PREPARED BY H. Hume

DATE: 24-Mar-2017

TSH

PROJECT NAME: Federal Boulevard and 8th Pipe Jacking

WORK ACTIVITY	Principal	Sr. Project Manager	Project Manager	Sr. Engineer	Sr. Geologist	Project Engineer	Project Geologist	Senior Field Inspector	Field Inspector	Sr. Field Engineering Technician	Field Eng. Technician	CAD Specialist	Admin Assistant	TOTAL HOURS	TOTAL COST
PROJECT ADMIN AND MANAGEMENT														0	
A Project Administration														0	
B Disciplines Coordination/Document Checking														0	
C Agency Consulting/Coordination/Review/Approval														0	
D Owner-supplied Data Coordination														0	
E Cost Estimating														0	
F Presentation														0	
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
SITE DEVELOPMENT														0	
G Geotechnical Engineering														0	
G.01 Test borings														0	
G.02 Laboratory testing														0	
G.03 Reports and recommendations														0	
G.04 Post-Design Construction Support		48								24				72	
SUBTOTALS	0	48	0	0	0	0	0	0	0	24	0	0	0	72	\$ 9,720.00
DESIGN SERVICES														0	
H Architectural Design/Documentation														0	
H.01														0	
H.02														0	
H.03														0	
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
I Structural Design/Documentation														0	
I.01														0	
I.02														0	
I.03														0	
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
														0	
														0	
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
SUBTOTALS - HOURS	0	48	0	0	0	0	0	0	0	24	0	0	0	72	
SALARY RATE, \$ PER HOUR	\$200.00	\$160.00	\$135.00	\$115.00	\$115.00	\$100.00	\$100.00	\$105.00	\$90.00	\$85.00	\$68.00	\$105.00	\$60.00		
SUBTOTALS - LABOR COSTS, \$	\$ -	\$ 7,680.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,040.00	\$ -	\$ -	\$ -		\$ 9,720.00
TOTAL LABOR COST, \$	\$ 9,720.00	9720.00													

Attachment 2

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Yeh and Associates, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
Principal	Ensure project receives all needed support. Review schedule, budget.	\$200.00
Senior Project Manager	Responsible for day to day management of project.	\$160.00
Project Manager	Responsible for day to day management of limited scope projects.	\$135.00
Sr. Engineer/Geologist	Performs engineering/geological investigations.	\$115.00
Project Engineer/Geologist	Performs investigations, prepares reports.	\$100.00
Staff Engineer/Geologist	Performs calculations, sketches, checks drawings supplied by others.	\$85.00
Engineer/Geologist Intern	Supports more senior geologists in investigations and evaluations.	\$60.00
Construction Project Manager	Performs construction inspection, submits daily reports, reviews specs.	\$130.00
Senior Field Inspector	Inspects construction, submits daily field reports.	\$105.00
Field Inspector	Provide construction inspection services, write field reports.	\$90.00
Senior Field Eng. Technician	Conducts tests on soils, concrete, asphalt. Is fully certified.	\$85.00
Field Eng. Technician	Samples and tests asphalt, concrete, aggregate, and soils.	\$68.00
Laboratory Supervisor	Organizes and oversees all lab activities for materials testing.	\$85.00
Laboratory Technician	Conducts tests on soils, concrete, asphalt.	\$68.00
Graphics/CAD Specialist	Prepares conceptual studies and designs.	\$105.00
CAD Technician	Assists in preparing CAD designs.	\$65.00
Administrative Assistant	Composes and types correspondence; maintains file system.	\$60.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.7699

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

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

March 10, 2017

Randall Lapsley
Tsiouvaras Simmons Holderness, Inc.
5690 DTC Boulevard, Suite 345W
Greenwood Village, Colorado 80111

Re: Federal Blvd. – 5th Avenue to Howard Place
Construction Administration
Lighting Design Consulting Scope and Fee

Clanton and Associates proposes the following fee and scope to undertake the lighting consulting for the Federal Blvd. from 5th Avenue to Howard Place in Denver, CO.

Total estimated fee:	\$ 3,000.
Total estimated expenses:	\$ 100.

The scope of work includes construction administration for the lighting and electrical design.

A breakdown of the design services shall include the following:

Construction Administration

- Up to two (2) team meetings or teleconferences
- Review lighting equipment submittals (up to two (2) reviews included)
- Review electrical equipment submittals (up to two (2) reviews included)
- Respond to RFIs
- Up to one (1) final site visit(s) to punch out project
- Punch List

This scope of work is based upon normal project progress and within the time schedule agreed upon, without major redesign or change order work. Additional fees will be required if project timing is extended or project is put on hold and restarted at later date. If the project timing exceeds one year, Additional Services rates may increase.

Specific exclusions from this scope are as follows:

- Design changes per client direction
- Site visits in addition to those listed above

Reimbursable expenses shall include printing costs, overnight delivery and travel expenses associated with the project and shall be charged in addition to the compensation for professional services. Payment for services is expected within 30 days of invoice unless other arrangements are made in writing.

Additional services shall be charged at the following hourly rates:

Senior Principal	\$260.00
Principal	\$180.00

Senior Engineer	\$115.00
Senior Designer	\$115.00
Engineer	\$95.00
Designer	\$95.00
Intern	\$80.00
Production Manager	\$115.00
Senior CADD Technician	\$95.00
CADD Technician	\$70.00

Work shall commence upon receipt of a signed copy of this agreement. This agreement must be signed within 60 days or it is invalid.



CLANTON & ASSOCIATES

March 10, 2017

DATE

TSIOUVARAS SIMMONS HOLDERNESS

DATE

SUB-CONSULTANT TEAM MEMBERS

Firm Name: Clanton & Associates, Inc.

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

Title/Classification	Responsibilities	Rate/Hr.
Senior Principal	Professional Engineer / QAQC	\$260.00
Principal	Professional Engineer / Project Management / Day to Day Contact	\$180.00
Senior Engineer	Electrical Design and Engineering	\$115.00
Senior Designer	Lighting Design / Project Management	\$115.00
Engineer	Project Support	\$95.00
Designer	Project Support	\$95.00
Intern	Project Support	\$80.00
Production Manager	CADD Production / Deliverables Management	\$115.00
Senior CADD Technician	CADD Production	\$95.00
CADD Technician	CADD Production	\$70.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 2.479

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

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

Mr. Randal Lapsley
Tsiouvaras Simmons Holderness, Inc.
June 28, 2017
Page 2 of 2

Task 3 – Engineering Assistance

We have included 16 hours of time for our Project Manager to provide engineering assistance during construction. Services will include attendance at up to two construction meetings as requested by CCD and phone calls to respond to typical issues or concerns related to tunneling.

FEE ESTIMATE

We propose to perform the work described above on a time and materials basis for the estimated fee shown below; a detailed cost estimate is attached.

**TABLE 1
FEE ESTIMATE**

Task	Fee
Task 1 – Pre-Construction Meeting	\$555
Task 2 – Submittal Review	\$3,895
Task 3 – Engineering Assistance	\$2,960
TOTAL	\$7,410

CLOSURE

We appreciate the opportunity to submit this proposal. If you have any questions regarding this proposal or desire to modify the scope of work, please call me at 303-825-3800.

Sincerely,

SHANNON & WILSON, INC.



Margaret A. (Peggy) Ganse, P.E., P.G.
Senior Associate

MAG:MJV/

Enclosure: Fee Estimate

June 28, 2017

Tsiouvaras Simmons Holderness, Inc.
5690 DTC Boulevard, Level 3, Suite 345W
Greenwood Village, Colorado 80111

Attn: Mr. Randal Lapsley

RE: PROPOSAL FOR TUNNEL CONSTRUCTION PHASE SERVICES, FEDERAL BOULEVARD STORM SEWER TUNNEL, DENVER, COLORADO

As requested, Shannon & Wilson is pleased to submit this proposal to provide engineering services during construction for the above-referenced project.

The Colorado Department of Transportation (CDOT) and the City and County of Denver (CCD) are planning reconstruction of a 54-inch diameter storm sewer pipeline along Federal Boulevard between 5th Avenue and Howard Place. A portion of the project involves a tunnel crossing under Federal Boulevard at 8th Avenue, which is the subject of this proposal. The 75-foot long tunnel will consist of Class V reinforced concrete jacking pipe.

PROPOSED SCOPE OF SERVICES

Task 1 – Pre-Construction Meeting

Shannon & Wilson will attend a pre-construction meeting for the project. For this task, our project manager will attend the meeting and address contractor questions related to tunneling.

Task 2 – Submittal Review

Shannon & Wilson will review contractor submittals related to jacking/receiving pits (Section 206) and tunneling (Section 603) for adherence to project specifications. In addition to submittals, we will review contractor Requests for Information (RFIs) associated with tunneling and assist CCD in preparing their response.

**FEE ESTIMATE
TUNNEL CONSTRUCTION PHASE SERVICES
FEDERAL BOULEVARD STORM SEWER TUNNEL
DENVER, COLORADO**

SHANNON & WILSON, INC.

TASKS/SUBTASKS	HOURS						DOLLARS						SUB TOTAL	ODC	TOTAL
	Sr VP	Sr Assoc	Prof I	Prof IV	Drafter III	Admin I	Sr VP	Sr Assoc	Prof I	Prof IV	Drafter III	Admin I			
1.0 Pre-Construction Meeting		3.0					\$250	\$185	\$80	\$100	\$95	\$70			
2.0 Submittal Review	0.5	20.0				1.0	\$125	\$3,700				\$70	\$555		\$3,895
3.0 Engineering Assistance		16.0						\$2,960							\$2,960
TOTAL	0.5	39.0				1.0	\$125	\$7,215				\$70	\$7,410		\$7,410

SUB-CONSULTANT TEAM MEMBERS

Firm Name: **Shannon & Wilson, 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).

Title/Classification	Responsibilities	Rate/Hr
Senior Vice President	Overall QA/QC; Review of geotechnical engineering investigations, analysis, and design recommendations	\$250.00
Vice President	Main contact, interface with project team; Manages cost and schedule; Initiates geotechnical investigations; Performs geotechnical analysis and provides design recommendations; Prepares/stamps geotechnical engineering reports	\$210.00
Senior Associate	Performs geotechnical analysis and provides design recommendations; Prepares geotechnical engineering reports	\$185.00
Associate	Performs geotechnical analysis and provides design recommendations; Prepares geotechnical engineering reports	\$165.00
Senior Professional III	Coordinates/complete geotechnical investigations; Performs geotechnical analysis and provides design recommendations; Prepares geotechnical engineering reports	\$145.00
Senior Professional II	Coordinates/complete geotechnical investigations; Performs geotechnical analysis and provides design recommendations; Prepares geotechnical engineering reports	\$130.00
Senior Professional I	Coordinates/complete geotechnical investigations; Performs geotechnical analysis and provides design recommendations; Prepares geotechnical engineering reports	\$115.00
Professional IV	Coordinates/assists with geotechnical investigations, analysis and design recommendations; Assists with geotechnical engineering reports	\$100.00
Professional III	Coordinates/assists with geotechnical investigations, analysis and design recommendations; Assists with geotechnical engineering reports	\$95.00
Professional II	Performs field logging of borings and prepares boring logs	\$90.00
Professional I	Performs field logging of borings and prepares boring logs	\$80.00
Senior Technician	Provides laboratory testing of soil/rock obtained from geotechnical boring	\$102.00
Technician IV	Provides laboratory testing of soil/rock obtained from geotechnical boring	\$88.00
Technician III	Provides laboratory testing of soil/rock obtained from geotechnical boring	\$80.00
Technician II	Provides laboratory testing of soil/rock obtained from geotechnical boring	\$70.00
Technician I	Provides laboratory testing of soil/rock obtained from geotechnical boring	\$62.00
Senior Drafter	Prepares report figures such as site plans and boring location maps	\$105.00
Drafter III, IV	Prepares report figures such as site plans and boring location maps	\$95.00
Drafter I, II	Prepares report figures such as site plans and boring location maps	\$90.00
Administrative III, IV	Formatting, printing, and assembling of technical reports	\$90.00
Administrative I, II	Formatting, printing, and assembling of technical reports	\$70.00

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.2

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

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



Corporate Headquarters
9100 West Jewell Avenue Lakewood, CO 80232
TEL 303 980 5200 FAX 303 980 0089
www.pinyon-env.com

March 27, 2017

Mr. Randal Lapsley
Tsiouvaras Simmons Holderness, Inc.
5690 DTC Boulevard, Level 3, Suite 345W
Greenwood Village, CO 80111

Via eMail: Randal.Lapsley@tshengineering.com

Subject: Proposal for Project Technical Support, Federal Boulevard Reconstruction, West 7th Street to West Holden Place, Denver, Colorado

Dear Mr. Lapsley:

Pinyon Environmental, Inc. (Pinyon), is pleased to present this technical support proposal for the Federal Boulevard Project. Pinyon anticipates the potential need for environmental technical support services on the project during the pre-construction and construction phases of work.

The scope of services and schedule details for the proposed project are outlined in Attachment A.

Pinyon estimates the cost to complete this project, in accordance with the outlined services, will be \$5,000. Pinyon will invoice on a time and materials basis, in accordance with the City and County of Denver 2016 On-Call Professional Engineering Services for Capital Management for Department of Public Works Contract (Attachment B). The authorized amount will not be exceeded without prior approval. Pinyon will complete the proposed services on or before December 31, 2018.

To authorize the outlined scope of services, please provide notice to proceed in accordance with existing contract documents. Should you have any questions or require additional information, please do not hesitate to call. Thank you for considering Pinyon for your environmental consulting needs.

Sincerely,

PINYON ENVIRONMENTAL, INC.

A handwritten signature in blue ink that reads "Russ Cirillo".

Russ Cirillo
Group Manager - Remediation

ATTACHMENT A
Detailed Scope of Services

Pinyon anticipates the potential need for project technical support regarding conditions or documentation relating to environmental matters on the project. Pinyon proposes to provide these support services on an as-needed basis. Technical support includes, but is not necessarily limited to: project document reviews, project document preparation, meetings, conference calls, site visits, review of environmental field conditions, sampling, and data collection. Tasks will be authorized on an as-needed basis via email or alternate for written authorization by Tsiouvaras Simmons Holderness, Inc. and/or the City and County of Denver. The task scope, deliverable, and/or schedule for each request will be agreed upon during task authorization phase of work.

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).

Title/Classification	Responsibilities	Rate/Hr.
Expert Witness	Expert Witness Preparation and Deposition	\$248.00
Principal Engineer/Scientist	QA/QC by Principal or Senior Technical Reviewer, Meetings with Regulatory and Oversight Agencies	\$226.00
Senior Engineer/ Scientist	Remediation, Engineering Design, Investigation Design, Development of Work Plans, Database Design, Training, Industrial Hygiene	\$201.00
Project Manager	Project Management, Coordinates Multi-Disciplinary Teams, Response to Agency Questions, Project Meetings with Clients/ Regulators	\$179.00
Project Specialist	Reports to Regulatory and Oversight Agencies, Preparation of Permits, GIS Library Development and Data Analysis, Technical Review of Documents	\$132.00
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	\$127.00
Technical Editor	Review and revision of documents for submittal to clients.	\$127.00
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	\$117.00
Staff I Technician	Groundwater Sampling, Sampling During UST Removals, Surveyor's Assistant	\$102.00
Drafting (Graphics)	AutoCad or Microstation Drafting	\$95.00
Project Assistant	Monthly Invoicing	\$90.00
Clerical	Word Processing, Clerical	\$67.00

On attached pg.

Multiplier, which when multiplied by the direct labor rate yields the above hourly billing rate: 3.00

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

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



October 27th, 2017

Jim Geist, Project Manager
City and County of Denver
Department of Public Works
201 West Colfax, Dept. 611
Denver, Colorado 80202

Attn: Mr. Jim Geist PE

**Subject: Proposal for On Call Materials Testing Services
Federal Blvd 5th to Howard
Denver, Colorado**

Dear Mr. Geist:

This proposal presents Yeh and Associates, Inc. scope of work and estimated fee for providing QA testing services on the Federal Boulevard project from 5th to Howard Street. This project is a repaving and widening area on Federal Blvd in downtown Denver. The scope of work was prepared based on my conversations with Randal Lapsley on October 18th, 2017.

The scope of materials testing services will include the site on Federal, and is anticipated to construct for 18 months on the base bid from approximately March 2018 until August of 2019. Time for the contract will be requested thru May 2022 to allow for the landscaping warranty period. If additional funding or time is required, it will be requested at the time the job goes beyond the anticipated August 2019 completion date. Project dates are still pending at this time. An on-call testing technician will report to the Denver County Project Engineer, and report the test results to the project inspection staff. Yeh will utilize an available technician for this project depending on scheduling. Forty-eight (48) hours advance notice would be required to schedule proper staffing needs for Denver. Our technician will be based out of our Denver Lab at 2000 Clay Street, Denver Colorado 80211, and will utilize Yeh's certified lab for testing at that location. Additional staff time for lab work, and availability of other personnel on this scope would be based on our attached contract rate sheet.

Per our discussions, the standard 2018 CDOT Materials manual documentation processes and reports will be utilized on this project. The City and County of Denver-Public Works Department Minimum Frequency of Materials Sampling and Testing standards apply as directed. These are based on the 2017 Department of Public Works, "Standard Specifications for Construction General Contract Conditions".

Materials Testing

The scope of the materials testing work for construction will consist of providing one on call materials tester and additional staff as requested by the City Project Engineer.

2000 Clay Street Suite 200, Denver, CO 80211, (303) 781-9590, Fax (303) 781-9583
1525 Blake Avenue, Glenwood Springs, CO 81601, (970) 384-1500, Fax (970) 384-1501
570 Turner Drive, Suite D, Durango, CO 81303, (970) 382-9590, Fax (970) 382-9583
588 N. Commercial Drive, Grand Junction, CO 81505 (970) 242-5125, Fax (970) 255-8512

- Work will be measured using CCD bid schedule quantities accounting for materials used. Test materials incorporated into the work will be tested in accordance with the latest CDOT standards (CDOT 2018 Field Materials Manual)
- Provide compaction verification and provide test results to the inspection staff.
- Perform concrete tests as required by the project bid tabs in accordance with CDOT frequencies called out on the project's form 250 or equivalent, per the CDOT 2018 Field Materials Manual standards.
- Materials tester will perform tests at the project and transport materials samples to Yeh's Denver lab for testing. All work will be billed according to our rate sheet attached below. Materials like Steel and Pipe samples would be tested by outside vendors as requested.

We anticipate construction work occurring 5 days per week, seasonally during daylight hours for a total of 18+ Months. The 9 phases for the preliminary schedule project breakdown would indicate that a tester would be on site at least 50% of the time, as paving will be occurring nearly continuously once demo by phase is completed. Testing requests are estimated to be a minimum of 4 hours per call, with 5 calls per week for budgeting purposes.

Other Construction Management services are available, and can be billed on a time and materials basis. Hours attached are assuming March 2018 start of work, and conclusion of all construction phases by early August of 2019. Upon notice to proceed, we anticipate that we could begin performing the testing within 48 hours' notice.

Upon notice to proceed, we will attend the preconstruction meeting, and weekly progress meetings as requested. Final documentation will be provided to the project within 4 weeks after the project is final accepted, and the final estimate has been processed.

At this time we understand that the City has selected TSH as the prime consultant for this work. The work hour estimate will be sent and processed through their prime on-call contract.

Yeh and Associates will perform its services in a manner consistent with the standard of care and skill ordinarily exercised by members of the profession practicing under similar conditions in the geographic vicinity and at the time the services will be performed. Therefore, no warranty or guarantee expressed or implied is part of the services offered by this proposal.

If we can be of further assistance, please contact us at 303-781-9590. We look forward to working with you on this project

YEH AND ASSOCIATES, INC.



Philip Hull, P.E.
Senior Project Manager

Attachments:
Exhibit A
Cost worksheets for
Standard Rate Sheet

PROJECT COST WORKSHEET (SPECIFIC RATE OF PAY)

Project Number: NHPP 2873-172 #19957
 Location: Federal Blvd 5th to Howard Place
 Firm Name: Yeh and Associates, Inc.
 Name of Preparer: Philip Hull 10-27-17
 Scope of Work Date: October 18, 2017 March 2018 thru July 2019 on call testing. May 1 2022 final date
 Type of Proposal: 2017 Standard Fee Schedule Contract # Task order #
 Firm phone No: (303) 781-9590

1A. LABOR RATES

EMPLOYEE NAME	EMPLOYEE CLASSIFICATION	DIRECT SALARY COST/HOUR (a)	INDIRECT COST (%) (b)	Fee (c)	MULTIPLIER (d)	LABOR RATE \$/HOUR (e)
	Laboratory Supervisor				1.0000	\$ 85.00
	Principal - Vice President				1.0000	\$ 200.00
	Sr Field Eng Tech				1.0000	\$ 85.00
	Lab Tech				1.0000	\$ 65.00
	Sr Field Inspector/Tech Supervisor				1.0000	\$ 105.00
	Senior Project Manager				1.0000	\$ 160.00

1B. LABOR COSTS

EMPLOYEE NAME	EMPLOYEE CLASSIFICATION	LABOR RATE \$/Hour ((e) from 1A)	ESTIMATED NUMBER OF WORK HOURS	ESTIMATED COST PER EMPLOYEE
0	0 Laboratory Supervisor	\$ 85.00	400	\$ 34,000.00
0	0 Principal - Vice President	\$ 200.00	20	\$ 4,000.00
0	0 Sr Field Eng Tech	\$ 85.00	1000	\$ 85,000.00
0	0 Lab Tech	\$ 65.00	1000	\$ 65,000.00
0	0 Sr Field Inspector/Tech Supervisor	\$ 105.00	200	\$ 21,000.00
0	0 Senior Project Manager	\$ 160.00	80	\$ 12,800.00
TOTAL LABOR				\$ 221,800.00

2A. OTHER DIRECT COSTS (In-house)*:

ITEM	ESTIMATED UNITS	UNIT RATE	UNITS	ESTIMATED COST
2wd Vehicle Mileage ^[1]	0	0.48	mile	\$ -
4wd Vehicle Mileage ^[1]	0	0.51	mile	\$ -
SUBTOTAL				\$ -

^[1] At current actual state government allowed rate
 * Prior Approval from CDOT Project Manager required

2B. OTHER DIRECT COSTS (Outside)*:

ITEM	ESTIMATED UNITS	UNIT RATE	UNITS	ESTIMATED COST
Lodging ^[2]	Actual Cost (see footnote)	0	-	Per Day \$ -
Per Diem Meals ^[3]	Allowable Cost (see footnote)	0	-	Per Day \$ -
Miscellaneous ^[4]	Actual Cost (see footnote)	500.00	1.00	Dol \$ 500.00
Express mail/courier services	At actual reasonable cost	0	-	Each \$ -
Postage for major mailings	At actual reasonable cost	0	-	Each \$ -
Major Reproduction	At actual reasonable cost	0	-	Each \$ -
Parking/Tolls	At actual reasonable cost	0	-	Each \$ -
SUBTOTAL				\$ 500.00

^[2] At actual cost, not to exceed the allowable conus rates by county, per State Fiscal Rules.
^[3] In accordance with current Colorado State Fiscal Rules applying the allowable Conus rate for meals and incidentals applicable county. (No receipt necessary)
^[4] At actual reasonable cost subject to approval of the CCD Project Manager
 * Prior Approval from CCD Project Manager required

OTHER DIRECT COST TOTAL \$ 500.00

3A. OUTSIDE SERVICES RATES (SUBCONSULTANTS):

FIRM NAME	ESTIMATED COST
	\$ -
	\$ -
	SUBTOTAL \$ -

3B. OUTSIDE SERVICES RATES (VENDORS)*:

FIRM NAME	ESTIMATED COST
	\$ -
	\$ -
	\$ -
	SUBTOTAL \$ -

* Prior Approval from CCD Project Manager required

OUTSIDE SERVICES TOTAL \$ -

TOTAL ESTIMATED COST \$ 222,300.00

I am a representative of Yeh and Associates, Inc., duly authorized to contractually bind the firm. My signature below constitutes formal agreement (without further signature) to a Task Order, which is issued by the State pursuant to the terms of this Task Order Proposal, without substantive change. I also declare that to the best of my knowledge the wage rates and other factual unit rates supporting the compensation to be paid by the Department for the professional services on this document are accurate, complete, and current at the time of contracting, and include no unallowable or duplicate costs.

Richard D. Andrew
Vice President


(SIGNATURE)

10-31-17
(DATE SIGNED)