

**PROFESSIONAL SERVICES
SUPPLEMENTAL AGREEMENT # 4
FOR
COLORADO SAND DR**

**STATE OF TEXAS §
 §
COUNTY OF TRAVIS §**

This Supplemental Agreement No. 4 to a contract for Professional Services is made by and between the City of Pflugerville, Texas ("City") and Kimley-Horn and Associates, Inc. ("Consultant"). City and Consultant may be referred to herein singularly as "Party" or collectively as the "Parties."

WHEREAS, the City and Consultant executed an Agreement for Professional Services ("Agreement") on the 17 day of October, 2019 for the Colorado Sand Dr project ("Project") in the amount of \$517,268.78; and

WHEREAS, the City and Consultant entered into a Supplemental Agreement # 1 for Professional Services for the Project in the amount of \$95,840.00, on the 16th day of December 2019 to add Wastewater Design and Analysis to the Agreement; and

WHEREAS, the City and Consultant entered into a Supplemental Agreement # 2 for Professional Services for the Project in the amount of \$0.00, on the 16th day of December 2020 to add extension to term to the Agreement; and

WHEREAS, the City and Consultant entered into a Supplemental Agreement #3 for Professional Services for the Project in the amount of \$44,905.00, on the 19th day of July 2022 to add storm drain and roadway design changes to the Agreement; and

WHEREAS, the City and Consultant desire to enter into a Supplemental Agreement #4 for Professional Services for the Project in the amount of \$108,975.90, to add Bidding and Construction Phase Services to the Agreement; and

WHEREAS, it has become necessary to amend the Agreement to modify the provisions for the Term of the Agreement and

WHEREAS, it is necessary for the City to amend its agreements from time to time to comply with changes in state law relating to contracts of municipalities.

NOW, THEREFORE, premises considered, the City and the Consultant agree that said Agreement is amended as follows:

I.

Article II. Term shall be amended by changing the term of the Agreement to terminate on December 31, 2023, with the ratification and incorporation of the remaining terms of the Agreement.

Article III. Scope of Services and Attachment A, shall be amended as set forth in the attached Addendum to Attachment A.

Article IV. Compensation to Consultant and Attachment B (Fee Schedule), shall be amended by increasing by \$108,975.90 the amount payable under the Agreement for a total of \$766,989.68, as shown by the attached Addendum to Attachment B (Fee Schedule).

Article XI. Assignment and Subcontracting, Section 11.2 shall be amended by adding the following subcontractors: Altura Solutions, LLC and Intertek-PSI

2.

Except as amended hereby and as previously amended as indicated above, the terms of the Agreement shall remain unchanged and in full force and effect.

EXECUTED and **AGREED** to as of the dates indicated below.

**CITY OF
PFLUGERVILLE**

CONSULTANT

(Signature)



(Signature)

Printed Name: Sereniah Breland

Printed Name: **Brian Boecker**

Title: City Manager

Title: **Senior Vice President**

Date: _____

Date: **9/8/2022**

APPROVED AS TO FORM:



Charles E. Zech

City Attorney

DENTON NAVARRO ROCHA BERNAL & ZECH, P.C.

**ADDENDUM TO ATTACHMENT A
SUPPLEMENTAL AGREEMENT #4
SCOPE OF SERVICES**

PROJECT UNDERSTANDING

The supplemental consists of adding TDLR inspection, construction material testing, bid phase, and construction phase services to the City. Any update to the plans made due to changes in the Northpointe Development site will be considered additional services.

SERVICES TO BE PROVIDED BY THE ENGINEER

The Engineer's Services consist of the services specifically described in Sections 14 through 15 include the specific engineering services to be performed through the following consulting disciplines as subcontractors to the Engineer:

- (1) Altura Solutions, LLC – TDLR Inspection
- (2) Intertek-PSI – Construction Administration and Materials Testing

14. TASK 14 – BIDDING PHASE SERVICES

The Engineer will:

- 14.1. Prepare bid documents in accordance with the City of Pflugerville standards
- 14.2. Attend pre-bid meeting with the City. Assist the City in developing meeting agenda
- 14.3. Receive, record and provide responses to prospective bidder's and suppliers questions. Issue addenda as appropriate to clarify, correct, or change the bidding documents
- 14.4. Assist the City in opening of bids, review and evaluate all bids including bid amount and prepare recommendation letter for award of the contract for construction
- 14.5. Include addenda items in the construction plans and issue "conformed" set of plans for construction

15. TASK 15 – CONSTRUCTION PHASE SERVICES

The Engineer will

- 15.1. Attend one (1) Pre-Construction meeting with the City and the Contractor.
- 15.2. Attend weekly construction status meetings (virtual), up to thirty-six (36) with the City and the Contractor.
- 15.3. Attend up to twelve (12) virtual coordination meetings with the Northpointe Development team during construction.
- 15.4. Respond to up to fifteen (15) Request for Information (RFI) requests from the Contractor. Any orders authorizing variations from the Contract Documents will be made by Client.
- 15.5. Develop and issue up to five (5) revised sheets due to City requested changes or unforeseen issues that may arise in the field.
- 15.6. Review and make recommendations related to up to three (3) Change Orders

- submitted or proposed by the Contractor
- 15.7. Review and approve or take other appropriate action in respect to up to ten (10) Shop Drawings which Contractor is required to submit, but only for conformance with the information given in the Contract Documents. Such review and approvals or other action will not extend to means, methods, techniques, equipment choice and usage, schedules, or procedures of construction or to related safety programs.
 - 15.8. Review Applications for Payment based on observations and review of applications for payment and supporting documentation. Recommendations will be based on Consultant's knowledge, information and belief, and will state whether in Consultant's opinion Contractor's work has progressed to the point indicated, subject to any qualifications stated in the recommendation. Consultant's recommendations will not be a representation that its observations to check Contractor's work have been exhaustive, extended to every aspect of Contractor's work, or involved detailed inspections.
 - 15.9. Make up to three (3) site visits as directed by Client in order to observe the progress of the work. Such observations will not be exhaustive or extend to every aspect of Contractor's work. Observations will to be limited to spot checking, selective measurement, and similar methods of general observation. Based on information obtained during site visits, Consultant will evaluate whether Contractor's work is generally proceeding in accordance with the Contract Documents, and Consultant will keep Client informed of the general progress of the work.
Consultant will not supervise, direct, or have control over Contractor's work, nor shall Consultant have authority to stop the Work or have responsibility for the means, methods, techniques, equipment choice and usage, schedules, or procedures of construction selected by Contractor, for safety programs incident to Contractor's work, or for any failure of Contractor to comply with any laws. Consultant does not guarantee the performance of any Contractor and has no responsibility for Contractor's failure to perform its work in accordance with the Contract Documents.
 - 15.10. When requested by Contractor and Client, Consultant will conduct a site visit to determine if the Work is substantially complete. Work will be considered substantially complete following satisfactory completion of all items with the exception of those identified on a final punch list.
 - 15.11. Develop Final Notice of Acceptability of the Work. Consultant will conduct a final site visit to evaluate whether the completed Work of Contractor is generally in accordance with the Contract Documents and the final punch list so that Consultant may recommend final payment to Contractor.
 - 15.12. TDLR inspection will be performed via a subconsultant (Altura Solutions, LLC) and the detailed scope of services for this work is provided in the proposal from Altura Solutions, LLC dated April 4, 2022 and included in this supplemental.
 - 15.13. Construction Materials Testing will be performed via a subconsultant (Intertek-PSI) and the detailed scope of services for this work is provided in the proposal from Intertek-PSI dated April 18, 2022 and included in this supplemental.

ADDITIONAL SERVICES/CHANGE IN SERVICES

Since the Engineer's compensation is a not-to-exceed fee for Basic Services described in this Agreement, compensation to the Engineer for Additional Services will only be for substantial deviations from the scope of services described in this Agreement. The Engineer will submit a written estimate of fees to the City and obtain the City's authorization before initiating any additional services. The following services are not included in this Agreement at present and are specifically considered to be additional services:

- a. Right-of-Way/easement acquisition and/or condemnation assistance;
- b. Traffic Signal Design services
- c. Landscaping and streetscaping services
- d. Franchise Utility design or relocation design;
- e. Appearing as an expert witness in any litigation for the City.

ADDENDUM TO ATTACHMENT B SUPPLEMENTAL AGREEMENT #4

Project Name: Colorado Sand Drive
Prepared By: Kimley-Horn and Associates, Inc.

Task # Subtask Number	Task Name Subtask Name/Description	Assumptions	Direct Labor (Person-Hours)							Misc. Direct Expense (\$)	
			Senior Prof II	Senior Prof I	Prof	Analyst	CADD	Project Controller	Admin		Labor Total (hours)
			\$255.00	210.00	165.00	145.00	115.00	95.00	\$95.00		
14	Bidding Phase										
	Prepare Bid documents		2	4					6		
	Assist with Agenda and Attend Pre-Bid Meeting		4	4					8		
	Bidder Comments and Addenda		2	2	4	8			16		
	Evaluate Bids and Prepare Letter of Recommendation			2	2				4		
	Task Total (Hours)		2	10	14	8	0	0	34		
	Task Total (Dollars)		\$510	\$2,100	\$2,310	\$1,160	\$0	\$0	\$0	\$6,080.00	\$0.00
15	Construction Phase Services								0		
	Altura TDLR Inspection Fee	Base Services							0		\$2,100.00
	PSI Construction Materials Testing Fee	Base Services							0		\$36,419.00
	10% sub mark up								0		\$3,851.90
	Coordinate with Sub-Consultant for Material Testing			2	4				6		
	Pre-Con Meeting	1 meeting	3	3	3				9		
	Weekly Construction Status Meetings	36 meetings	18	24	36				78		
	Coordination Meetings with Northpointe	12 meetings	12	6	12				30		
	Respond to up to 15 RFIs		5	5	10	20			40		
	Develop up to 5 revised sheets		5	10	20	40			75		
	Review up to three (3) Change Orders		3	3	6				12		
	Review up to 10 Shop Drawings			5	10	15			30		
	Review Monthly Pay Applications			9	9				18		
	Attend up to 3 field meetings with the Contractor		2	6	6				14		
	Perform Substantial Completion Walk-through/Develop Punch List		3	3	3				9		
	Perform final site visit to confirm Punch List			2	2				4		
	Task Total (Hours)		51	78	121	75	0	0	325		
	Task Total (Dollars)		\$13,005	\$16,380	\$19,965	\$10,875	\$0	\$0	\$0	\$60,225.00	\$42,370.90
	Reimbursable Expenses										
	Mileage	site visits - 480 miles at \$0.625/mi									\$300.00
	Task Total (Dollars)										\$300.00
	KIMLEY-HORN TOTAL (Hours)		53	88	135	83	0	0	0	359	
	KIMLEY-HORN TOTAL (Dollars)		\$13,515	\$18,480	\$22,275	\$12,035	\$0	\$0	\$0	\$66,305.00	
	SUBCONSULTANT (Altura - Base)									\$2,100.00	
	SUBCONSULTANT (PSI - Base)									\$36,419.00	
	Miscellaneous Direct Expenses & Sub Mark Up									\$4,151.90	
	BASE SERVICES									\$108,975.90	
	PSSA#4 GRAND TOTAL									\$108,975.90	

April 4, 2022

Tyler Mitchell
Kimley-Horn
10814 Jollyville Road, Avallon IV, Suite 200
Austin, TX 78759

RE: TAS-PROWAG Proposal for the Colorado Sand Dr. Extension Sidewalk Project

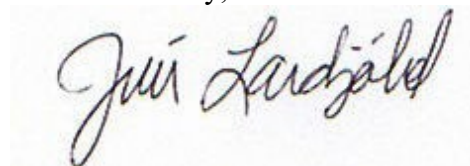
Dear Tyler:

This is a proposal for the project registration, plan review, and inspection of the Colorado Sand Dr. Extension Sidewalk Project in Pflugerville, Texas for compliance with Chapter 469 of the Texas Government Code, State of Texas Architectural Barriers Act, and TDLR Administrative Rule 68.102.

Altura Solutions proposes to perform the project registration with TDLR, perform the plan review, and inspection for compliance with the State of Texas Architectural Barriers Act. The client has chosen to use the Public Rights-of-Way Guidelines (PROWAG) as the standard to achieve compliance for all work located within the Public Right-of-Way.

Feel free to contact me at (512) 410-7059 or at jel@alturalp.com to answer any questions or discuss details of the proposal. Thank you for considering Altura Solutions, LLC to meet your accessibility consulting needs. We look forward to working with you on the project.

Sincerely,

A handwritten signature in black ink that reads "Jesús Lardizábal". The signature is written in a cursive style and is contained within a light gray rectangular box.

Jesús Lardizábal,
RAS #1051
Manager

PROJECT SCOPE AND DESCRIPTION

Addition of 2,700 LF of sidewalk along Colorado Sand Dr.

SCOPE OF WORK

Altura Solutions proposes to perform the following services in compliance with Chapter 469 of the Texas Government Code, State of Texas Architectural Barriers Act. PROWAG will be used as the standard to determine compliance with TDLR Administrative Rule 68.102. The following elements will be performed by Altura:

- Register the project with TDLR
- Perform plan review of the project construction documents (as provided by client)
- Perform the final inspection of the project upon completion

EXCLUSIONS

The proposal excludes services to determine compliance with other federal, state or local accessibility requirements and accessibility requirements of building and housing codes such as the International Building Code (IBC).

SCHEDULE

Altura Solutions will perform the project registration within three working day of receiving the required documents and registration fee.

Altura Solutions will perform the plan review and provide a report of findings within fifteen working days after receiving all required documents.

Altura Solutions will perform the final inspection and deliver the Inspection Report within fifteen working days of receiving access to the facility.

DELIVERABLES

The following items will be produced and delivered by Altura Solutions as part of this project:

- Altura Solutions will provide proof of project registration via the TDLR Proof of Registration Sheet.
- Altura Solutions will provide the Plan Review Report detailing the non-compliant findings of the project in the construction documents.
- Altura Solutions will provide the Inspection Report detailing the findings of the final inspection of the built project.

CONSULTING FEE AND INVOICING

The following fees are proposed for the services outlined in this proposal:

- Project Registration (includes TDLR’s required registration fee)\$300.00
- Plan Review Report\$850.00
- Inspection Report\$950.00

The total proposed consulting fee under this agreement is two thousand one hundred dollars and zero cents (\$2,100.00).

To initiate services, the following items must be provided:

- Signed agreement
- Completed Project Registration and Proof of Submission forms
- A set of construction documents
- A check for the Project Registration and Plan Review fees (\$1,150) should be made out to Altura Solutions.

The fees listed above are limited to one final plan review and one final inspection. Preliminary reviews, plan review revisions, meetings, site visits, and re-inspections, will be considered additional services and will be billed in addition to the contract amount at a consulting rate of \$195 per hour. All fees valid for six months from date of proposal.

LIMIT OF LIABILITY

Client agrees that Altura Solutions, LLC’s limit of liability for any claim against it for services performed under this contract shall be limited to the total of fees paid to Altura Solutions, LLC pursuant to this agreement, but excluding the Texas Department of Licensing and Regulation (TDLR) required project filing fees.

Altura Solutions, LLC

Client:

By: _____

By: _____

Print Name: Jesús Lardizábal

Print Name: _____

Title: Manager

Title: _____

Date: _____

Date: _____



April 18, 2022

Kimley-Horn

10814 Jollyville Road, Avallon IV, Suite 200
Austin, TX 78759

Attn: Mr. Tyler Mitchell
Phone: (512) 740-6588
Email: tyler.mitchell@kimley-horn.com

Re: Construction Materials Testing and Observation Proposal
Colorado Sand Drive Extension
Pflugerville, TX
PSI Proposal No.: 0301- 371620

Dear Mr. Mitchell:

Professional Service Industries, Inc. (PSI) is pleased to submit the following proposal to perform Construction Materials Testing and Observation Services for the **Colorado Sand Drive Extension project in Pflugerville, Texas**. We understand our scope of work is limited to material testing and observation on a call out as needed basis.

PSI has the technical capabilities, personnel and equipment resources, and local expertise to provide you with superior testing and observation services. We are consistently ranked by Engineering News Record magazine as one of the nation's largest consulting engineering firms and PSI is considered the leading firm of our type in the engineering and construction industry. PSI has licensed, registered, and certified professionals, and offers the comfort of using one of America's largest and respected engineering companies.

PSI proposes to provide experienced, technical personnel to perform testing services as requested in general accordance with project specifications. We propose to accomplish the work on a unit fee basis in accordance with the unit rates provided herein and our work will be performed pursuant to the PSI General Conditions which are incorporated herein and made a part of this proposal. PSI's fees will be determined by the actual amount of technical time and materials expended on the project and the amount of laboratory testing performed. Our proposed services are for the typical Quality Assurance Services and do not include "Special Inspections." Please note, however, the Building Code specifically prohibits the performance of "Special Inspections" as an agent of the Contractor.

Please note that the fees for our services are directly related to the contractor's schedule, the quantity of service requests, the quantity and frequency of failed tests / retests, construction delays and other issues outside the control of PSI. We will work with your firm in order to control the budget for our services; however, invoices will be based on your scheduling and service requests.

Construction Hive™ is the primary report distribution platform used by PSI to provide a better experience to our clients. You will have 24hour access to your reports on this website from any internet enabled device with a web browser. Construction Hive™ has powerful report viewing, retrieval and searching capabilities that allow you to find the information you are looking for faster and with greater ease. An additional fee may be assessed if a different method of report distribution is requested.

This proposal includes our services to observe, test and report on the construction activities listed below. Please note that our services will be performed on an intermittent, call-out, as requested basis. This proposal does not include full time or continuous on-site observation services. Scheduling will be the responsibility of our client’s designated representative. Requests for services must be coordinated prior to the close of the business day preceding the requested activity. A technician overtime rate or a project management fee may be assessed to provide services without adequate notification.

We will commence work upon receipt of a fully executed copy of this proposal in its entirety including PSI General Conditions. Please be sure to fill out the attached Project Data Sheet for timely distribution of reports.

We look forward to providing our services during construction of the above referenced project. Please do not hesitate to contact our office with any questions or concerns.

Respectfully submitted,
Professional Service Industries, Inc.



Darshan S. Vora
 Project Manager



Mike Phares, CWI
 Principal Consultant

- Attachments: Anticipated Construction Materials Testing Services
 Proposed Scope of Work, Assumption, and Basis for Estimate
 Schedule of Services and Fees
 PSI General Notes
 Project Data Sheet
 PSI General Conditions

Proposal Acceptance	
Date:	Agreed to this _____ day of _____, 2022
Signature:	
Printed Name:	
Title:	
Firm:	

Invoice Requirements	
Your Purchase Order No.:	
Billing E-mail Address*	
<u>Billing Address</u>	<u>Mailing Address (if different)</u>

* = required



Anticipated Construction Materials Testing Services

Project: Colorado Sand Drive Extension - Pflugerville, Texas

	Unit	Quantity	Unit Price	Item Total
Earthwork Testing and Observation				
Paving Subgrade				
Engineering Technician (In-place Density Testing)	Per Hour	150	\$44.00	\$6,600.00
Engineering Technician (In-place Density Testing) - OT	Per Hour	60	\$66.00	\$3,960.00
Laboratory Lime Series	Each	3	\$280.00	\$840.00
Laboratory Moisture Density Relationship (Standard / Modified)	Each	3	\$185.00	\$555.00
Atterberg Limit Determination	Each	3	\$65.00	\$195.00
Sieve Analysis	Each	3	\$40.00	\$120.00
Percent Passing No. 200 Sieve	Each	3	\$55.00	\$165.00
Unified Soil Classification	Each	3	\$25.00	\$75.00
Sample Preparation	Each	3	\$65.00	\$195.00
Soil Sample Retrieval (Technician Time)	Per Hour	4	\$44.00	\$176.00
Nuclear Density Gauge	Per Trip	30	\$45.00	\$1,350.00
Transportation Charge	Per Trip	32	\$65.00	\$2,080.00
Report Review	Each	36	\$36.00	\$1,296.00
Sub-Total				\$17,607.00
Utility Trench Backfill				
Engineering Technician (In-place Density Testing)	Per Hour	75	\$44.00	\$3,300.00
Nuclear Density Gauge	Per Trip	15	\$45.00	\$675.00
Transportation Charge	Per Trip	15	\$65.00	\$975.00
Report Review	Each	15	\$36.00	\$540.00
Sub-Total				\$5,490.00
Earthwork Testing and Observation Estimate				\$23,097.00
Concrete Testing and Observation				
Concrete Paving, Sidewalks, Curb & Gutter				
Engineering Technician (Concrete Sampling and Testing)	Per Hour	75	\$44.00	\$3,300.00
Concrete Cylinders (Cured and/or Tested in Compression)	Each	75	\$20.00	\$1,500.00
Concrete Specimen Retrieval (Technician Time)	Per Hour	4	\$44.00	\$176.00
Equipment Charge	Per Trip	15	\$45.00	\$675.00
Transportation Charge	Per Trip	17	\$65.00	\$1,105.00
Report Review	Each	30	\$36.00	\$1,080.00
Sub-Total				\$7,836.00
Concrete Testing and Observation Estimate				\$7,836.00
Asphaltic Concrete Testing and Observation				
Asphaltic Testing and Observation				
Senior Engineering Technician (Asphaltic Monitoring and Testing)	Per Hour	16	\$44.00	\$704.00
Equipment: Coring Machine and Generator	Per Day	4	\$120.00	\$480.00
Density and Thickness of Field Cores	Each	12	\$45.00	\$540.00
Maximum Theoretical Specific Gravity	Each	16	\$130.00	\$2,080.00
Extraction, Gradation	Each	4	\$210.00	\$840.00
Transportation/Mobilization	Per Trip	4	\$65.00	\$260.00
Report Review	Each	12	\$36.00	\$432.00
Sub-Total				\$5,336.00
Asphaltic Concrete Testing and Observation Estimate				\$5,336.00



Engineering & Technical Services

Administrative and Technical Services

Project Set-up	Each	1	\$150.00	\$150.00
Sub-Total				\$150.00
Engineering & Technical Services Estimate				\$150.00

**Construction Materials Testing and Observation
Estimated Total** **\$36,419.00**



PROPOSED SCOPE OF WORK, ASSUMPTIONS, AND BASIS FOR ESTIMATE	
CONSTRUCTION DOCUMENTS	<ol style="list-style-type: none"> 1. PSI did have a set of design drawings during preparation of this estimate. 2. PSI did not have a set of project specifications during preparation of this estimate. 3. PSI did not have a detailed construction schedule during preparation of this estimate. 4. Documents provided to PSI: Project Documents obtained via email from Mr. Tyler Mitchell on 03/30/22. 5. PSI will provide reports of tests and observations with reference to the requirements of the plans, specification and geotechnical report referenced above. PSI is not providing the role of geotechnical engineer of record. PSI accepts no liability or responsibility for any errors or omissions in the original geotechnical report. PSI's work shall be limited to observing and testing for compliance with the recommendations made in that report. In the event that at any time there are determined to be defects in the original report, client agrees to look solely to the original geotechnical engineer for damages arising out of the report, and agrees to indemnify PSI for any claims arising out of that report.
EARTHWORK	<ol style="list-style-type: none"> 1. In-place moisture density gauge testing for structural areas estimated at 1 test per lift per 2,500 sqft, 2. In-place moisture density gauge testing for utilities estimated at 1 test per 150 LF per 1 foot lift. 3. In-place moisture density gauge testing for paving areas estimated at 1 test per lift per 10,000 sqft. 4. Provide a soils engineering technician to perform periodic field in-place density and moisture content testing by the nuclear method (shallow depth). 5. PSI anticipates 1 visit for proofrolling and subgrade testing operations for the building pad area. 6. PSI anticipates 30 visits averaging 7 hours each for density testing in the paving and approach areas. 7. PSI anticipates approximately 15 visits averaging 5 hours each for utility trench backfill testing. 8. Additional site visits and/or laboratory tests or excessive failing tests which may require retests, if required, may increase fees.
DRILLED PIER and/or SHALLOW FOUNDATION	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.
POST-TENSIONED SLAB	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.
CAST-IN-PLACE REINFORCING STEEL	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.
ADHESIVE / MECHANICAL ANCHORS	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.



CONCRETE	<ol style="list-style-type: none"> 1. Assumed to cast 1 set of 5, 4 inch by 8 inch concrete test cylinders for every 100 cubic yards of pavement concrete or fraction thereof. 2. Provide an on-site inspector to perform continuous observation of structural concrete placements for placement techniques and field plastic concrete testing (ambient air temperature, concrete temperature, slump, air content) and casting of compressive strength test specimens. Periodic observation during concrete placement for use of approved (by others) concrete mix design. 3. During large quantity structural concrete placements, additional inspector (additionally invoiced at unit rates herein) may be stationed at the pump to confirm the use of the approved (by others) concrete mix design, perform plastic concrete testing and casting of compressive strength test specimens. 4. Provide a concrete engineering technician to perform periodic field plastic concrete testing (ambient air temperature, concrete temperature, slump, air content) and casting of compressive strength test specimens for pavement and non-structural concrete placements.
MASONRY	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.
ASPHALT	<ol style="list-style-type: none"> 1. We understand that the roadway, parking lot, drive sections and/or approach will consist of asphalt construction. 2. Laboratory testing of field or plant sampled hot mix asphalt materials is not included within this estimate. 3. Laboratory testing of field sampled hot mix asphalt delivered to the project site is proposed for theoretical maximum specific gravity, and extraction and gradation testing. 4. Provide a senior engineering technician to perform periodic field in-place wet density and compaction testing by the nuclear method.
STRUCTURAL STEEL	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.
FIREPROOFING AND/OR FIRESTOPPING	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.
ROOFING	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.
WEATHER RESISTIVE BARRIER	<ol style="list-style-type: none"> 1. Not included; pricing for services related to this scope of work can be provided upon request.





SCHEDULE OF SERVICES AND FEES

Construction Services – Austin, TX

Effective January 1st, 2019
 1263

SOILS

Laboratory testing of soils, delivered to our laboratory, in accordance with ASTM or AASHTO procedures and project specifications.

Moisture/Density Relationship of Soil (Proctor Test):

a. ASTM D-698 (Standard)	Each	\$ 185.00
b. ASTM D-1557 (Modified)	Each	\$ 185.00
d. TEX-113-E (Base Materials).....	Each	\$ 185.00
c. TEX-114-E (Subgrade, Embankment, Backfill Materials)	Each	\$ 185.00
Atterberg Limits Determination (PI)	Each	\$ 65.00
Sieve Analysis.....	Each	\$ 40.00
Sample Preparation	Each	\$ 65.00
Soil Classification	Each	\$ 25.00
Number 200 Wash.....	Each	\$ 55.00
Laboratory Lime Series.....	Each	\$ 280.00
Comprehensive Moisture/Density Relationship of Soil, Atterberg Limits, Sieve Analysis, Material Finer Than #220 Sieve, Unified Soil Classification, Sample Preparation	Each	\$ 435.00

CONCRETE and AGGREGATES

Laboratory testing of concrete, grout, mortar and aggregates, delivered to our laboratory, in accordance with ASTM procedures and project specifications.

Concrete Cylinders (Cured and/or Tested in Compression).....	Each	\$ 20.00
Trimming of Cylinders for ASTM Procedure (Contractor Made Only)	Each	\$ 25.00
Concrete Beams (Cured and/or Tested in Flexure).....	Each	\$ 30.00
Concrete Cores (Trim, Cap and Compressive Strength).....	Each	\$ 50.00
Laboratory Length Determination of Concrete Cores	Each	\$ 15.00
Sieve Analysis of Coarse Aggregates.....	Each	\$ 85.00
Sieve Analysis of Fine Aggregates.....	Each	\$ 85.00

ASPHALT

Laboratory testing of asphaltic samples delivered to our laboratory, in accordance with ASTM procedures and project specifications

Extraction and Gradation	Each	\$ 210.00
Density and Thickness of Field Cores.....	Each	\$ 45.00
Maximum Theoretical Specific Gravity (Rice Method).....	Each	\$ 130.00

MASONRY

Laboratory testing of masonry samples delivered to our laboratory, in accordance with ASTM Procedures and project specifications

Grout Prisms (Cured and/or Tested in Compression)	Each	\$ 20.00
Mortar Cubes (Cured and/or Tested in Compression).....	Each	\$ 20.00



FIELD TESTING AND OBSERVATION SERVICES

Engineering Technician (4 Hour Minimum) (To perform field testing for soil density, concrete, slump, air content, temperature, unit weight, cast concrete cylinders, concrete coring, masonry testing).....	Per Hour	\$ 44.00
Senior Level Engineering Technician (4 Hour Minimum) (To perform, post-tension stressing, reinforcing steel observations, proof rolling, drilled pier, foundations, masonry, and asphalt observations)	Per Hour	\$ 44.00
Structural Steel Technician (4 Hour Minimum) (To perform visual weld observation, bolting inspection, shear stud verification, NDE of welds, and fabrication shop observation).....	Per Hour	\$ 90.00
Facilities Inspector (4 Hour Minimum) (Building envelope consulting and testing).....	Per Hour	\$ 90.00
Laboratory Technician (To perform testing that is not listed in fee schedule)	Per Hour	\$ 44.00
Professional Engineer (Site visits, consultation, special reports)	Per Hour	\$ 150.00

MANAGEMENT/TECHNICAL SERVICES

Report Review	Each	\$ 36.00
Management services for contract administration, scheduling/supervision of personnel	Per Hour	\$ 98.00
Report of Required Special Inspections	Per Report	\$ 250.00
Project Setup Fee	Each	\$ 150.00

EQUIPMENT

Nuclear Density Gauge	Per Trip	\$ 45.00
Concrete Equipment Charge.....	Per Trip	\$ 45.00
Welding NDE Equipment Charge.....	Per Trip	\$ 75.00
Lime depth checks/field gradations	Each	\$ 10.00
Floor vapor emission test kits	Per Kit	\$ 40.00
Coring Machine and Generator.....	Per Day	\$ 120.00
Core hole patching.....	Per Hole	\$ 10.00
Floor Flatness	Lump Sum	\$ 700.00
Cylinder Pickup	Per Hour	\$ 44.00
Vehicle Trip Charge	Per Trip	\$ 65.00



PSI General Notes

1. Unit prices/rates are in effect for 6 months from the date of this proposal to proposal acceptance and are subject to change without notice thereafter.
2. Services not included may be quoted upon request.
3. Testing is conducted in general accordance with ASTM procedure and project specifications.
4. All rates are billed on a portal to portal basis.
5. The minimum billing increment for time is the full hour. All hours will be rounded to the next whole hour.
6. A minimum charge of 4 hours applies to field testing and observation services.
7. A minimum charge of 2 hours applies to all sample pickups.
8. A per diem charge, if applicable, will be charged at a rate of \$150.00 per day.
9. **Scheduling or cancellation of field testing and observation services is required no less than the working day prior to the date the services are to be performed. Services scheduled same day will be assessed an additional \$100 fee. Services cancelled without advance and/or inadequate notice will be assessed a minimum \$150 fee.**
10. **Charges for retests or field cancellations without notice are not included in this estimate and will be invoiced at the unit rates included herein. The minimum applicable charge for the scheduled service and a trip charge will be applied to on-site field cancellations without a 12-hour notice.**
11. **Overtime rates will be applicable for services performed before 7:00am and after 5:00pm, over 8 hours per day Monday through Friday and for all hours worked on Saturdays. The overtime rate will be 1.5 times the applicable unit rate. Services performed on Sundays and Holidays will be invoiced at 2 times the applicable hourly rate. Surcharges for laboratory services during overtime hours or for expedited results may apply (these surcharges will be 1.5 times the applicable unit rate). The minimum billing increment for overtime is the hour.**
12. Rates involving mileage (including vehicle charge and cylinder/sample pick-up) are subject to change based upon fluctuations in the national average gasoline price. A fuel surcharge may be applied to invoices to offset the increase in fuel prices for a gallon of regular gasoline. Changes may be made at intervals not less than monthly.
13. Review charge to schedule, supervise personnel, evaluate and review reports will be billed at \$36.00 per report for all field and laboratory reports.
14. Invoices will be billed on a monthly basis. Invoices will be mailed on or about the third business day after the month to which services were rendered.
15. Concrete test cylinder sizes will be in general accordance with ASTM C31 and ACI 318.
16. ACI 301-10 section 1.6.2.2.d, states that the contractor is responsible for “[providing] space and source of electrical power on the project site for facilities to be used for initial curing of concrete test specimens as required by ASTM C31/C31M, for the sole use of the Owner’s quality assurance testing agency.” PSI understands the term “space” to mean “an environmentally controlled and secure space” for initial curing in the field, and the contractor is required to provide electricity and security of the space. Accordingly, this proposal does not include provisions or the associated fee for PSI to provide this service. The initial curing box can be provided by PSI at the project site for additional fees which shall include the daily rental cost and associated mobilization cost of the curing box. In the event the curing box is stolen or damaged as the site security is the responsibility of the contractor, PSI shall invoice our client the cost of the same at cost plus 15%.
17. The services proposed herein are conventional in nature and do not include any special services that may lessen the risk of conditions that can contribute to moisture, mold or other microbial contaminate amplification in buildings. You may be aware that mold is abundant throughout nature and is comprised of a wide variety of microscopic fungi. Due to its nature, the potential for mold infestations cannot be completely eliminated. However, PSI offers a wide array of professional Moisture, Waterproofing, Roofing and Indoor Air Quality/Mold Consulting services that can help minimize the likelihood of future occurrences. PSI is interested in discussing these service options with you to suit your specific needs and project objectives. If requested, PSI will submit a proposal for these additional services under a separate cover for your review and authorization.
18. Subcontractor services will be invoiced at a 15% marked up rate based on the subcontractor cost to PSI.



Project Data Sheet
Construction Materials Testing and Observation Services

Project Name:			
Project Physical Address:			
Project Manager:			
Mobile No.:		Fax No.:	
Site Contact:			
Mobile No.:		Fax No.:	
Distribution of Test Reports			
<u>Contact Name</u>		<u>Email Address</u>	

Report Distribution:

PSI will deliver reports electronically to the client and others listed on the above distribution list. Reports will be posted on a password protected, secure website (Construction Hive) only available to those on the distribution list. If requested, PSI will bundle test reports in pdf format and distribute by email at the rate of \$45.00 per hour for preparation time. If requested, PSI will distribute report copies by mail in accordance with your instruction at the rate of \$0.45 per sheet plus preparation time.

