

## **PROFESSIONAL SERVICES AGREEMENT**

**THIS IS AN AGREEMENT** made as of February 5, 2020 between the LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT (**OWNER**) and STANTEC CONSULTING SERVICES INC. (**PROFESSIONAL**). **OWNER** intends to proceed with construction materials testing services in Lexington, Kentucky as described in the attached Request for Proposal document. The services are to include construction materials sampling, testing, and special inspections for the Town Branch Commons and Town Branch Trail Phase 6 and Turn Lane at Manchester and Forbes projects for the city as contemplated in the **OWNER's** Request for Proposal No. 48-2019. The services are hereinafter referred to as the Project.

**OWNER** and **PROFESSIONAL**, in consideration of their mutual covenants herein, agree in respect to the performance of construction materials sampling, testing, and special inspections services by **PROFESSIONAL** and the payment for those services by **OWNER** as set forth below.

**PROFESSIONAL** was selected by **OWNER** based upon its response to the Request for Proposal No. 48-2019

**PROFESSIONAL** shall provide professional consulting services for **OWNER** in all phases of the Project to which this Agreement applies, serve as **OWNER'S** construction materials sampling, testing, and special inspections representative for the Project as set forth below and shall give professional consultation and advice to **OWNER** during the performance of services hereunder.

### **SECTION 1 - BASIC SERVICES OF PROFESSIONAL**

**PROFESSIONAL** shall perform professional services as hereinafter stated which include customary construction materials sampling, testing, and special inspections incidental thereto.

The following documents are incorporated by reference herein as if fully stated and are attached hereto as exhibits: RFP No. 48-2019 (Exhibit "A") and **PROFESSIONAL's** Response dated December 18, 2019 (Exhibit "B").

To the extent there is conflict among their provisions, the provisions of this Agreement shall take precedence, followed by the provisions of Request for Proposal No. 48-2019 (Exhibit "A").

After written authorization to proceed with the Project, **PROFESSIONAL** shall:

1. Notify the **OWNER** in writing of its authorized representative who shall act as Project Manager and liaison representative between the **PROFESSIONAL** and the **OWNER**.
2. On the basis of "Selection Criteria" in the "Request for Proposal", attached in Exhibit "A", conduct field surveys and gather other necessary data or

information, prepare/perform all required deliverables listed in the Request for Proposal. See Exhibit "A" for complete listing of all deliverables.

This Agreement (consisting of pages 1 to 9 inclusive), together with the Exhibits and schedules identified above, constitutes the entire Agreement between **OWNER** and **PROFESSIONAL** and supersedes all prior written or oral understandings. This Agreement and said Exhibits and schedules may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

The General Condition provisions of RFP No. 48-2019 are incorporated herein by reference as if fully stated.

## **SECTION 2 - ADDITIONAL SERVICES BY PROFESSIONAL**

- 2.1. The **OWNER** may desire to have the **PROFESSIONAL** perform work or render services in connection with this Project other than provided by Exhibit A of this Agreement. Such work shall be considered as "Additional Services", subject to a change order, supplemental to this Agreement, setting forth the character and scope thereof and the compensation therefore. Work under such change order shall not proceed until the **OWNER** gives written authorization. Should the **OWNER** find it desirable to have previously satisfactorily completed and accepted plans or parts thereof revised, the **PROFESSIONAL** shall make such revisions as directed, in writing, by the **OWNER**. This work shall be considered as "Additional Services" and shall be paid as such.
- 2.2. All "Additional Services" is subject to prior written authorization of **OWNER** and necessary appropriations made by the Urban County Council.

## **SECTION 3 - OWNER'S RESPONSIBILITIES**

### **OWNER shall:**

- 3.1. Provide criteria and information as to **OWNER'S** requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations.
- 3.2. Assist **PROFESSIONAL** by placing at his disposal available information pertinent to the Project.
- 3.3. Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by **PROFESSIONAL**, and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of **PROFESSIONAL**.
- 3.4. Designate in writing a person to act as **OWNER'S** representative with respect to the services to be rendered under this Agreement. Such person shall have complete

authority to transmit instructions, receive information, interpret and define **OWNER'S** policies and decisions with respect to materials, equipment, elements and systems pertinent to **PROFESSIONAL'S** services.

- 3.5. Give written notice to **PROFESSIONAL** whenever **OWNER** observes or otherwise becomes aware of any development that affects the scope or timing of **PROFESSIONAL'S** services, or any defect in the work of Contractor(s).
- 3.6. Furnish or direct **PROFESSIONAL** to provide, necessary Additional Services as stipulated in Section Two (2) of this Agreement or other services as required.

#### **SECTION 4 - PERIOD OF SERVICES**

- 4.1. Time is of the essence. See Exhibit "C" (attached) for the project schedule.
- 4.2. The provisions of this Section Four (4) and the various rates of compensation for **PROFESSIONAL'S** services provided for elsewhere in this Agreement have been agreed to in anticipation of the orderly and continuous progress of the Project through completion.

If delays result by reason of acts of the **OWNER** or approving agencies or other causes, which are beyond the control of the **PROFESSIONAL**, an extension of time for such delay will be considered. If delays occur, the **PROFESSIONAL** shall within 30 days from the date of the delay apply in writing to the **OWNER** for an extension of time for such reasonable period as may be mutually agreed upon between the parties, and if approved, the Project schedule shall be revised to reflect the extension. Such extension of time to the completion date shall in no way be construed to operate as a waiver on the part of the **OWNER** of any of its rights in the Agreement. Section 6.5, under DISPUTES, of this Agreement, shall apply in the event the parties cannot mutually agree upon an extension of time.

In the event that the overall delay resulting from the above described causes is sufficient to prevent complete performance of the Agreement within six (6) months of the time specified therein, the Agreement fee or fees shall be subject to reconsideration and possible adjustment. Section 6.5 of this Agreement shall apply in the event the parties cannot mutually agree upon an adjustment of fee.

## **SECTION 5 - PAYMENTS TO PROFESSIONAL**

### **5.1 Rates of Payment for Services of PROFESSIONAL**

In consideration of the services described in Exhibits A and B, **OWNER** shall pay **PROFESSIONAL** at the rates given below, which sums shall include, without limitation, all direct labor and supervision necessary to complete the item in a manner that meets or exceeds the customer's satisfaction, labor payroll costs, overhead (such as unemployment taxes, general liability insurance, rent, utilities, phones, supplies, administrative salaries, F.I.C.A., sick and vacation leave, etc.), disposal fees, tool allowances, equipment fees, materials, profits, and all other costs used on, for, or in association with the job. The negotiated cost of services is represented in the Form of Proposal, and is summarized in Exhibit C.

#### **Other Provisions Concerning Payments.**

**5.2.1. PROFESSIONAL** shall submit a schedule of values subject to approval by the **OWNER** prior to starting work. The approved schedule of values will be the basis for monthly statements for Basic Services and Additional Services rendered. The Statements will be based total services rendered at the time of billing and are subject to approval by the **OWNER**. **OWNER** shall pay **PROFESSIONAL'S** monthly statements within thirty (30) days of receipt.

**5.2.2.** In the event the Agreement is terminated by the **OWNER** without fault on the part of the **PROFESSIONAL**, the **PROFESSIONAL** shall be paid for the work performed or services rendered.

## **SECTION 6 – ADDITIONAL GENERAL CONSIDERATIONS**

### **6.1. Termination**

**6.1.1.** The obligation to provide further services under this Agreement may be terminated by either party upon ten (10) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party, provided the non-terminating party fails to cure such default within the ten (10) day period.

**6.1.2.** The **OWNER** reserves the right to terminate the Agreement for any reason at any time upon seven (7) days written notice to the **PROFESSIONAL**.

### **6.2. Ownership and Reuse of Documents.**

All documents, including Drawings and Specifications, prepared by the **PROFESSIONAL** pursuant to this Agreement shall be delivered to and become the property of the **OWNER**. The **OWNER** shall have the right to reuse same without restriction or limitation, but without liability or legal exposure to **PROFESSIONAL**.

### **6.3. Legal Responsibilities and Legal Relations.**

**6.3.1.** The **PROFESSIONAL** shall familiarize itself with and shall at all times comply with all federal, state and local laws, ordinances, and regulations which in any manner affect the services of this Agreement.

**6.3.2.** In performing the services hereunder, the **PROFESSIONAL** and its employees, agents, officers, and representatives shall not be deemed or construed to be employees of **OWNER** in any manner whatsoever. Except as otherwise provided in this Agreement, the **PROFESSIONAL** shall be acting as an independent contractor. The **PROFESSIONAL** shall not hold itself out as, nor claim to be, an officer or employee of **OWNER** by reason hereof and shall not make any claim, demand or application to or for any right or privilege applicable to an officer or employee of **OWNER**. The **PROFESSIONAL** shall be solely responsible for any claims for wages or compensation by **PROFESSIONAL'S** employees, agents, officers, and representatives and shall save and hold **OWNER** harmless therefrom.

**6.3.3.** The parties hereto agree that causes of actions between the parties shall be governed by applicable provisions of the Kentucky Revised Statutes.

#### **6.4. Successors and Assigns.**

**6.4.1.** **PROFESSIONAL** binds itself and its partners, successors, executors, administrators, assigns and legal representatives to this Agreement in respect to all covenants, agreements and obligations of this Agreement. **PROFESSIONAL** shall not assign any interest, obligation or benefit in this Agreement or transfer any interest in the same, whether by assignment or novation, without prior written consent of **OWNER**.

**6.4.2.** The **PROFESSIONAL** shall not subcontract more than fifty percent (50%) of the work, based upon dollar value, to be provided under this Agreement. The **PROFESSIONAL** shall obtain written approval prior to subletting or assigning any services contained in this Agreement, and consent to sublet or assign any part of this Agreement shall not be construed to relieve the **PROFESSIONAL** of any responsibility for compliance with the provisions of this Agreement.

**6.4.3.** Nothing herein shall be construed to give any rights or benefits hereunder to anyone other than **OWNER** and **PROFESSIONAL**.

#### **6.5. Disputes.**

Except as otherwise provided in this Agreement, any dispute concerning the amount of payment due the **PROFESSIONAL** or any dispute concerning any question of fact of any act to be performed under this Agreement, which is not disposed of by agreement between the Urban County Division of Central Purchasing and the **PROFESSIONAL**, shall be submitted to the Commissioner, Department of General Services, Lexington-Fayette Urban County Government for review. The decision of the Commissioner as to the determination of such dispute shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, capricious, arbitrary or so grossly erroneous as necessarily to imply bad faith. Pending a final decision of a dispute hereunder, the **PROFESSIONAL** shall proceed diligently with the performance of the Agreement in accordance with the directions of the **OWNER**.

**6.6. Accuracy of PROFESSIONAL'S Work.**

The **PROFESSIONAL** shall be required to perform this Agreement in accordance with the degree of ordinary and reasonable skill and care usually exercised by professional members of the **PROFESSIONAL's** field prevailing at the time, place and under similar conditions as the services hereunder are rendered.

The **PROFESSIONAL** shall be responsible for the accuracy of all work, even though such work may have been accepted by the **OWNER**, and shall make any necessary revisions or corrections resulting from errors or omissions on the part of the **PROFESSIONAL**, without additional compensation. By submission of testing and inspection reports, results, summaries, etc., to the **OWNER**, the **PROFESSIONAL** has made a statement that, to the best of its belief and knowledge, the information is accurate. Failure on the part of **PROFESSIONAL** to provide the expected level of accuracy may be grounds for the **OWNER** to disqualify **PROFESSIONAL** from consideration for future **PROFESSIONAL** service agreements.

**6.7. Security Clause.**

The **PROFESSIONAL** certifies that it shall not at any time release or divulge any information concerning the services covered by this Agreement to any person or any public or private organization except the **OWNER** without prior approval of the **OWNER**.

**6.8. Access to Records.**

The **PROFESSIONAL** shall maintain all books, documents, papers, and accounting records, and make such materials available at its respective offices at all reasonable times during the contract period and for three (3) years from the date of final payment under the contract for inspection by the **OWNER**, and copies thereof shall be furnished if requested. Failure to maintain such records for three (3) years after the date of final payment may be grounds for the **OWNER** to disqualify the **PROFESSIONAL** from consideration for future **PROFESSIONAL** service agreements.

**6.9. Required Risk Management Provisions.**

The Risk Management Provisions of RFP No. 48-2019 are incorporated herein by reference as if fully stated. Copies of the required Certificates of Insurance shall be provided to **OWNER** as required therein.

**SECTION 7 - EQUAL EMPLOYMENT OPPORTUNITY**

During the performance of this service agreement, the **PROFESSIONAL** agrees as follows:

- 7.1.** The **PROFESSIONAL** will not discriminate against any employee or application for employment because of race, color, religion, national origin, sex, age or handicap. The **PROFESSIONAL** will take affirmative action to ensure that applicants are

employed, and that employees are treated during employment without regard to their race, color, religion, national origin, sex, age or handicap. Such action shall include, but not be limited to the following: employment upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeships. The **PROFESSIONAL** agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this non-discrimination clause.

**7.2** The **PROFESSIONAL** will, in all solicitations or advertisements for employees placed by or on behalf of the **PROFESSIONAL**, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, sex, age (between forty and seventy), or handicap.

**SECTION 8 - SPECIAL PROVISIONS**

**8.1.** This Agreement is subject to the following provisions.

**8.1.2.** Pursuant to subparagraph 3.4 of this Agreement, **OWNER** has assigned the appropriate LFUCG employee (the "**OWNER'S Agent**"), as the authorized agent of **OWNER**, to monitor, direct and review the performance of work of the **PROFESSIONAL**. Documents, data, reports and all matters associated with carrying out this Agreement shall be addressed to the **OWNER'S Agent** or their designee. Questions by the **PROFESSIONAL** regarding interpretations of the terms, provisions and requirements under this Agreement shall be addressed to the **OWNER'S Agent** or their designee. The **PROFESSIONAL** shall look only to the **OWNER'S Agent** or their designee for direction in its performance under this Agreement; no other direction shall be binding upon **OWNER**. **OWNER** shall respond to written requests by **PROFESSIONAL** within thirty (30) days.

**IN WITNESS WHEREOF**, the parties hereto have made and executed this Agreement as of the day and year first above written.

**OWNER (LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT):**

Signature:   
LINDA GORTON, MAYOR

Date: 3/5/2020

**ATTEST:**

  
ABIGAIL ALLAN, COUNCIL CLERK

PROFESSIONAL (STANTEC CONSULTING SERVICES INC.):

Signature: [Handwritten Signature]

Printed Name: Adam Grace

Position: Principal

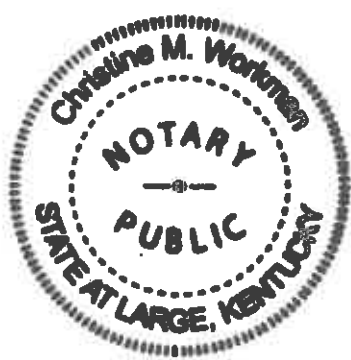
Date: February 5, 2020

COMMONWEALTH OF KENTUCKY  
COUNTY OF (Fayette)

The foregoing instrument was subscribed, sworn to and acknowledged before me by  
Adam Grace as Principal for  
and on behalf of Stantec, on this the 5th day of  
February, 2020.

My commission expires: 10/23/23

Christine M. Workman  
NOTARY PUBLIC, STATE AT LARGE, KY



#634160



Material Sampling and Testing for LFUCG  
Town Branch

**UNIT COST ITEMS FOR GEOTECHNICAL SERVICES**

COUNTY Fayette

		UNIT PRICE				TOTAL	
1	Field Testing of Concrete or Soil Density	\$ 106.79	per hour	x 400	=	\$ 42,716.00	
2	Molsture Content Test	\$ 26.70	per test	x 10	=	\$ 267.00	
3	Soil Classification	\$ 427.16	per test	x 10	=	\$ 4,271.60	
4	Particle Size Distribution	\$ 106.79	per test	x 10	=	\$ 1,067.90	
5	Atterberg Limits	\$ 80.09	per test	x 10	=	\$ 800.90	
6	Molsture Density	\$ 320.37	per test	x 10	=	\$ 3,203.70	
7	Plasticity Index	\$ 53.40	per test	x 10	=	\$ 534.00	
8	Compressive Strength of Concrete	\$ 26.70	per test	x 225	=	\$ 6,007.50	
9	Compressive Strength of Grout Cubes	\$ 21.36	per test	x 20	=	\$ 427.20	
10	Sieve Analysis of Fine Aggregate	\$ 80.09	per test	x 25	=	\$ 2,002.25	
11	Sieve Analysis of Coarse Aggregate	\$ 106.79	per test	x 25	=	\$ 2,669.75	
12	Minus #200 Wash Test	\$ 106.79	per test	x 30	=	\$ 3,203.70	
13	Plastic Fines in Graded Aggregate and Soils using the Sand Equivalent Test	\$ If required will be subcontracted	per test	x 1	=	\$ 0.00	
14	Determination of the Percentage of Shale in Aggregate	\$ If required will be subcontracted	per test	x 1	=	\$ 0.00	
15	Cement Sample	\$ If required will be subcontracted	per test	x 4	=	\$ 0.00	
16	Fly Ash	\$ If required will be subcontracted	per test	x 3	=	\$ 0.00	
17	Specific Gravity and Absorption	\$ 133.49	per test	x 1	=	\$ 133.49	
18	Proctor and CBR	\$ 640.74	per test	x 10	=	\$ 6,407.40	
19	Project Engineer	\$ 142.53	per hour	x 30	=	\$ 4,275.90	
20	Project Manager	\$ 237.83	per hour	x 30	=	\$ 7,134.90	
21	Subcontracted Testing	\$ 8000.00	LS	x 1	=	\$ 8,000.00	
<b>TOTAL THIS ESTIMATE</b>					=	<b>\$ 93,123.19</b>	

CLASSIFICATIONS AND PERCENTAGES

EXHIBIT C

COUNTY  
CONSULTANT  
Marin No.  
DRILL REGION

PROJECT  
ITEM NO.

ESTIMATED WORK BEGAN DATE  
ESTIMATED WORK END DATE  
MIDDLE OF WORK DATE  
DATE OF AUDITED RATES  
DIFFERENCE IN YEARS  
ESCALATION PER YEAR  
ALLOWABLE ESCALATION  
OVERHEAD RATE  
PROFIT for Drilling & Eng.  
PROFIT for Lab

County	San Mateo	ESTIMATED WORK BEGAN DATE	3/1/2020
Consultant	Stanbic Cornwall Services Inc. (5/24/2019 Audit Report)	ESTIMATED WORK END DATE	12/31/2022
Marin No.	2	MIDDLE OF WORK DATE	7/31/2021
Drill Region	2	DATE OF AUDITED RATES	5/24/2019
		DIFFERENCE IN YEARS	2.19
		ESCALATION PER YEAR	6.71%
		ALLOWABLE ESCALATION	12.92%
		OVERHEAD RATE	166.69% (OH + FCCM)
		PROFIT for Drilling & Eng.	16%
		PROFIT for Lab	15%

POSITION	AVG RATE	EST RATE	LOADED RATE	ITEM	PERCENTAGE	ITEM	PERCENTAGE	ITEM	PERCENTAGE	ITEM	PERCENTAGE	ITEM	PERCENTAGE	ITEM	PERCENTAGE	ITEM	PERCENTAGE	ITEM	PERCENTAGE	
Admin. Assistant	\$24.30	\$27.44	\$34.73	Project Manager	0.0%	\$0.00	0.0%	Geo. Office	0.0%	\$0.00	0.0%	Lab Tech	0.0%	\$0.00	0.0%	Dredging Technician	0.0%	\$42.73	100.0%	
Vice President	\$126.14	\$141.84	\$427.03	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Geofem. Principal	\$61.63	\$103.81	\$320.54	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Trans. Principal	\$109.42	\$123.86	\$391.62	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Trans. Principal	\$90.47	\$102.16	\$316.44	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Geofem. Proj. Mgr	\$68.23	\$177.03	\$237.63	100.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Trans. Proj. Mgr	\$76.33	\$88.17	\$286.07	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Geofem. Proj. Eng	\$48.70	\$56.06	\$170.08	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Geofem. Proj. Eng	\$35.61	\$40.21	\$124.16	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Trans. Engineer	\$54.03	\$61.01	\$188.39	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Senior Planner	\$66.06	\$74.60	\$227.33	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Field Land Surveyor	\$55.00	\$62.11	\$191.77	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Surveyor Technician	\$48.93	\$53.80	\$164.36	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Senior Geospatial	\$48.29	\$55.60	\$171.86	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Geospatial	\$38.11	\$38.65	\$122.42	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Printer & Env.	\$46.72	\$52.78	\$162.50	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Trans. Designer	\$45.32	\$51.16	\$158.02	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Equipment Tech.	\$32.00	\$36.14	\$111.68	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Eng. Lab Tech.	\$27.43	\$29.96	\$93.64	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Lab Technician	\$31.95	\$36.08	\$111.40	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Qualifier & EIT	\$32.24	\$36.41	\$112.41	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Senior Driver	\$31.73	\$36.83	\$110.63	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Driver	\$27.43	\$29.96	\$93.64	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
Senior Helper	\$21.00	\$23.71	\$78.22	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
TOTAL			\$271.83	100.0%	\$142.53	100.0%	\$110.63	100.0%	\$73.22	100.0%	\$171.86	100.0%	\$106.79	100.0%	\$111.40	100.0%	\$84.73	100.0%		

KVTC Employment Rates

Per Diem	\$361.00	per day
Lodging	\$30.00	per night
Message	\$0.41	per mile
X 4 Pickup Message	\$0.54	per mile
Drift Hourly Rate	\$100.00	per hour
Water Pump Hourly Rate	\$4.25	per hour
Heavy Equipment	\$4.00	per mile
Mobilization Administrative Fee	\$200.00	Fixed
Administrative Fee for Subcontracted Towboat/Barge	\$1,000.00	Fixed
Guard Rail Removal	\$200.00	Fixed
Administrative Fee for Subcontracted Traffic	\$100.00	Fixed

Production Rates

Rock Coring	65
Rock Sounding	200
Moisture Content	35
Bag Sample	0.25
Standard Penetration Test	25
Tri-Valued Tube Sample	20
Field Vane Shear Test	10
Control Observation Well	0.25
Hole for SI Coating	115
Reaming Bore Holes	400
Pavement Cores	25
Visual Inspection	200

**1. FIELD TESTING OF CONCRETE OR SOIL DENSITY**

**EXHIBIT C**

**A. Labor Costs**

1) Engineering Technician	Hr/day	OT Rate	Sub-Total
Audited Wage Rate	1	1	\$106.79

Sub-Total \$106.79 per day

**B. Personnel Expenses**

1) Meals	Men	Per-Diem	
	0	KYTC	\$0.00

2) Lodging	Rooms	Cost	Factor
Dbl Occupancy	0	KYTC	1
			\$0.00

Sub-Total \$0.00 per day

**C. Equipment Costs**

1) Pickup	Miles/day	Mileage	# Trucks
	0	KYTC	1
			\$0.00

**Daily Costs**

A. Labor Costs	\$106.79		
B. Personnel Expenses	\$0.00		
C. Equipment Costs	\$0.00		
		Total	\$106.79
		Cost	\$106.79 per HOUR

**2. PICKUP CONCRETE CYLINDERS**

Engineering Technician	Hrs	
Audited Wage Rate	1.5	Cost \$160.19 per SET

**3. MOISTURE CONTENT TEST**

1) Laboratory Technician	Hr/Test	# Tests	
Audited Wage Rate	0.25	1	Cost \$26.70 per test

**4. SOIL CLASSIFICATION**

1) Laboratory Technician	Hr/Test	# Tests	
Audited Wage Rate	4	1	Cost \$427.16 per test

**5 & 13. PARTICLE SIZE DISTRIBUTION**

1) Laboratory Technician	Hr/Test	# Tests	
Audited Wage Rate	1	1	Cost \$106.79 per test

**6. ATTERBERG LIMIT**

1) Laboratory Technician	Hr/Test	# Tests	
Audited Wage Rate	0.75	1	Cost \$60.09 per test

**7. MOISTURE DENSITY**

1) Laboratory Technician	Hr/Test	# Tests
Audited Wage Rate	3	1

Cost	\$320.37	per test
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**8. PLASTICITY INDEX**

1) Laboratory Technician	Hr/Test	# Tests
Audited Wage Rate	0.5	1

Cost	\$53.40	per test
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**9. COMPRESSIVE STRENGTH OF CONCRETE CYLINDERS**

1) Laboratory Technician	Hr/Test	# Tests
Audited Wage Rate	0.25	1

Cost	\$28.70	per test
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**10. COMPRESSIVE STRENGTH OF GROUT CUBES**

1) Laboratory Technician	Hr/Test	# Tests
Audited Wage Rate	0.2	1

Cost	\$21.38	per test
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**11. SIEVE ANALYSIS OF FINE AGGREGATE**

1) Laboratory Technician	Hr/Test	# Tests
Audited Wage Rate	0.75	1

Cost	\$80.99	per test
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**12. SIEVE ANALYSIS OF COARSE AGGREGATE**

1) Laboratory Technician	Hr/Test	# Tests
Audited Wage Rate	1	1

Cost	\$106.79	per test
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**14. SPECIFIC GRAVITY AND ABSORPTION**

1) Laboratory Technician	Hr/Test	# Tests
Audited Wage Rate	1.25	1

Cost	\$133.40	per test
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**15. PROCTOR AND CBR**

1) Laboratory Technician	Hr/Test	# Tests
Audited Wage Rate	6	1

Cost	\$640.74	per test
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