

# CERTIFIED COPY OF ORDER

STATE OF MISSOURI

February Session of the January Adjourned

Term. 20 15

County of Boone

} ea.

In the County Commission of said county, on the 26th day of February 20 15

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the attached Contract Amendment Number One to 16-19MAR14 – Fire Alarm & Suppression Inspection, Testing and Repairs Term & Supply.

The terms of this amendment are stipulated in the attached Contract Amendment Number One. It is further ordered the Presiding Commissioner is hereby authorized to sign said Contract Amendment Number One.

Done this 26th day of February, 2015.

ATTEST:

*Wendy S. Noren*  
Wendy S. Noren  
Clerk of the County Commission

*Daniel K. Atwill*  
Daniel K. Atwill

Presiding Commissioner

*Karen M. Miller*  
Karen M. Miller

District I Commissioner

*Janet M. Thompson*  
Janet M. Thompson

District II Commissioner

# Boone County Purchasing

Melinda Bobbitt, CPPO  
Director of Purchasing



613 E. Ash St., Room 110  
Columbia, MO 65201  
Phone: (573) 886-4391  
Fax: (573) 886-4390

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## MEMORANDUM

TO: Boone County Commission  
FROM: Melinda Bobbitt, CPPO, CPPB  
DATE: February 6, 2015  
RE: Amendment Number One – 16-19MAR14 – Fire Alarm & Suppression  
Inspection, Testing & Repairs Term & Supply

*Contract 16-19MAR14 – Fire Alarm & Suppression Inspection, Testing & Repairs* was approved by commission for award to Korsmeyer Fire Protection LLC of Jefferson City, Missouri on April 15, 2014. This amendment adds the Boone County Jail and the Boone County Sheriff's Annex buildings.

Invoices will be paid from department 1256 – Sheriff / Corr Building HK / Maintenance, account 60200 – Equipment Repairs/Maintenance.

cc: Chad Martin, Sheriff Dept.  
Contract File



Please provide a quote based on contract pricing in 16-19MAR14 - Fire Alarm & Suppression Inspection, Testing & Repairs

**SERVICE LOCATION: Boone County Jail**

<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
Obstruction Inspection on Wet Systems (required every 5 years)	4	\$ 450. <sup>00</sup>	\$ 1,800. <sup>00</sup>
Sprinkler Test & Inspect Wet Sprinkler System (Annual Test) Includes Tamper, Flow, Gate Valve, Fire Dept. Connection, Hydraulic Nameplate Verification & Main Drain Flow Switch: quantity (8) annual Tamper Switch: quantity (8) annual	4	\$ 250. <sup>00</sup>	\$ 1,000. <sup>00</sup>

**SERVICE LOCATION: Boone County Sheriff's Annex**

<u>Description</u>	<u>Quantity</u>	<u>Price</u>
Sprinkler Test & Inspect West Sprinkler System (Annual Test) Includes Tamper, Flow, Gate Valve, Fire Dept. Connection, Hydraulic Nameplate Verification & Main Drain	1	\$ 250. <sup>00</sup> / <sub>xx</sub>

The undersigned hereby offers to furnish and deliver the articles or services as specified at the price and terms stated and in strict accordance with the specifications, instructions, and general conditions of bidding which have been read and understood, and all of which are made a part of this order.

SIGNATURE: Jim Korschmeier

PRINTED NAME: Jim Korschmeier

Business Name: Korschmeier Fire Protection

Address: P.O. Box 104746

5008 Contractor Lane

JEFFERSON CITY, MO. 65110

Phone Number: 800 / 694-4645

Fax Number: 573 / 659-8805

E-mail: Korschmeier Fire @ AOL.COM

**16-19MAR14 - Fire Alarm & Suppression Systems  
Inspection, Testing & Repairs Term & Supply**

<b>BID TABULATION</b>			<i>Korsmeyer</i>		Renewal 1 : 1/1/15 - 3/31/16	
<i>Frequency is 'Annual' unless otherwise noted</i>			<b>Unit Price</b>	<b>Ext. Price</b>	<b>Unit Price</b>	<b>Ext. Price</b>
<b>4.8.</b>	<b>PRICING</b>	<b>Quantity</b>				
<b>4.8.1.</b>	<b>Service Location: Courthouse</b>					
	Obstruction Inspection (Once every 5 years)	2	\$600.00	\$1,200.00	\$600.00	\$720,000.00
	Wet Sprinkler System Inspection	1	\$250.00	\$250.00	\$250.00	\$62,500.00
	Dry Pipe System Inspection	1	\$250.00	\$250.00	\$250.00	\$62,500.00
	Fire Alarm Test & Inspection	1	\$350.00	\$350.00	\$350.00	\$122,500.00
<b>4.8.2.</b>	<b>Service Location: Government Center</b>					
	Obstruction Inspection (Once every 5 years)	1	\$600.00	\$600.00	\$600.00	\$360,000.00
	Wet Sprinkler System Inspection	1	\$250.00	\$250.00	\$250.00	\$62,500.00
	Fire Alarm Test & Inspection	1	\$350.00	\$350.00	\$350.00	\$122,500.00
	Semi-Annual Novoc 1230 Clean Agent Fire Suppression System Inspection	2	\$175.00	\$350.00	\$175.00	\$61,250.00
<b>4.8.3.</b>	<b>Service Location: Boone County Annex Building</b>					
	Fire Alarm Test & Inspection	1	\$175.00	\$175.00	\$175.00	\$30,625.00
<b>4.8.4.</b>	<b>Service Location: Central MO Events Center</b>					
	Obstruction Inspection (Once every 5 years)	1	\$600.00	\$600.00	\$600.00	\$360,000.00
	Wet Sprinkler System Inspection	1	\$250.00	\$250.00	\$250.00	\$62,500.00
	Fire Alarm Test & Inspection	1	\$175.00	\$175.00	\$175.00	\$30,625.00

**16-19MAR14 - Fire Alarm & Suppression Systems  
Inspection, Testing & Repairs Term & Supply**

<b>BID TABULATION</b> <i>Frequency is 'Annual' unless otherwise noted</i>			<i>Korsmeyer</i>		<b>Renewal 1: 1/1/15 - 3/31/16</b>	
<b>4.8.5.</b>	<b>Service Location: Johnson Building</b>					
4.8.5.1.	Fire Alarm Test & Inspection	1	\$175.00	\$175.00	\$175.00	\$30,625.00
<b>4.8.6.</b>	<b>Service Location; Juvenile Justice Center</b>					
4.8.6.1.	Obstruction Inspection (Once every 5 years)	1	\$450.00	\$450.00	\$450.00	\$202,500.00
4.8.6.2.	Wet Sprinkler System Inspection	1	\$250.00	\$250.00	\$250.00	\$62,500.00
4.8.6.3.	Fire Alarm Test & Inspection	1	\$250.00	\$250.00	\$250.00	\$62,500.00
<b>4.8.7.</b>	<b>Service Location: North Facility</b>					
4.8.7.1.	Fire Alarm Test & Inspection	1	\$175.00	\$175.00	\$175.00	\$30,625.00
	<b>Boone County Jail</b>					
Amendment 2	Obstruction Inspection on Wet Systems (Once every 5 years)	4			\$450.00	\$1,800.00
Amendment 2	Sprinkler Test & Inspect	4			\$250.00	\$1,000.00
	<b>Boone County Sheriff's Annex</b>					
Amendment 2	Sprinkler Test & Inspect	1			\$250.00	\$250.00
<b>4.8.8.</b>	<b>REPAIRS</b>					
4.8.8.1.	Hourly Rate (M-F 8-5)		\$65.00		\$65.00	
4.8.8.2.	Hourly Rate (After 5pm, Sat)		\$90.00		\$90.00	
<b>4.8.9.</b>	<b>PARTS</b> - All parts and material will be at the published List Price from the Manufacturer less a % discount.					

**16-19MAR14 - Fire Alarm & Suppression Systems  
Inspection, Testing & Repairs Term & Supply**

<b>BID TABULATION</b> <i>Frequency is 'Annual' unless otherwise noted</i>		<i>Korsmeyer</i>	<i>Renewal 1: 1/1/15 - 3/31/16</i>
4.8.9.1.	Please provide the % off list discount amount:	1%	1%
<b>4.8.10.</b>	<b>Renewals</b> (Figures only include Annual Charges, NOT the 5-year Inspection)		
4.8.10.1.	% Increase 1st Renewal Period	0%     \$3,250.00	0%     \$3,250.00
4.8.10.2.	% Increase 2nd Renewal Period	1%     \$3,282.50	1%     \$3,282.50
4.8.10.3.	% Increase 3rd Renewal Period	1%     \$3,315.33	1%     \$3,315.33
4.8.10.4.	% Increase 4th Renewal Period	2%     \$3,381.63	2%     \$3,381.63
4.9.	Service Contact (Name & Ph #)	Brandon Korsmeyer 573-619-7994	Brandon Korsmeyer 573-619-7994
4.10.	Call Response Time (# hrs after notification)	1	1
4.11.	Holidays	NYD, Mem. Day, July 4, Labor Day, Thanksgiving, Christmas	NYD, Mem. Day, July 4, Labor Day, Thanksgiving, Christmas
4.13.	Coop? (Y or N)	Y	Y



10-MMMR19, 75-0200011

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
10/20/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).


<b>PRODUCER</b> Naught-Naught / Jefferson City 1441 Christy Drive P O Box 1768 Jefferson City, MO 65102 Naught Naught/Jefferson City	<b>CONTACT NAME:</b> _____	<b>FAX (A/C, No):</b> _____
	<b>PHONE (A/C, No, Ext):</b> _____	<b>E-MAIL ADDRESS:</b> _____
<b>INSURED</b> Korsmeyer Fire Protection LLC P.O. Box 104746 Jefferson City, MO 65110		<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A : Cincinnati Specialty Underwrit</b> <b>INSURER B : Cincinnati Insurance Company</b> <b>INSURER C : National Union Fire Insurance</b> <b>INSURER D :</b> <b>INSURER E :</b> <b>INSURER F :</b>
		<b>NAIC #</b> <b>10677</b> <b>19445</b>

**COVERAGES**                      **CERTIFICATE NUMBER:**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY			CSU0007629	10/17/2014	10/17/2015	EACH OCCURRENCE	\$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY	X					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 100,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person)	\$ 1,000
	<input checked="" type="checkbox"/> E & O Included						PERSONAL & ADV INJURY	\$ 1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$ 2,000,000
<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC							PRODUCTS - COMP/OP AGG	\$ 2,000,000
							Emp Ben.	\$ Exclude
C	AUTOMOBILE LIABILITY			EBA0033750	08/14/2014	08/14/2015	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS						BODILY INJURY (Per person)	\$
	<input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS						BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (PER ACCIDENT)	\$
C	UMBRELLA LIAB			EBU018430229	10/17/2014	10/17/2015	EACH OCCURRENCE	\$ 2,000,000
	EXCESS LIAB						AGGREGATE	\$ 2,000,000
	DED <input checked="" type="checkbox"/> RETENTION \$		0					\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WC2114525	10/17/2014	10/17/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input checked="" type="checkbox"/> OTHER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A				E.L. EACH ACCIDENT	\$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	Y					E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
Boone County Purchasing is listed as additional insured with respects to general liability. 30 day cancellation notice as per form attached (CSIA405 08/09)

<b>CERTIFICATE HOLDER</b>  Boone County Purchasing Attn: Tyson Boldan 613 E Ash St Room 109 Columbia, MO 65201	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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# CERTIFIED COPY OF ORDER

STATE OF MISSOURI }  
County of Boone } ea.

February Session of the January Adjourned

Term. 20 15

In the County Commission of said county, on the 26th day of February 20 15  
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby award bid 05-13JAN15 to Cummins Mid-South of Columbia, MO for the purchase of a Standby Power Generator for the radio tower compound at the new 911 Center.

The terms of the bid award are stipulated in the attached Contract Agreement. It is further ordered the Presiding Commissioner is hereby authorized to sign said Contract Agreement.

Done this 26th day of February, 2015.

ATTEST:

Wendy S. Noren  
Wendy S. Noren  
Clerk of the County Commission

Daniel K. Atwill  
Daniel K. Atwill  
Presiding Commissioner

Karen M. Miller  
Karen M. Miller  
District I Commissioner

Janet M. Thompson  
Janet M. Thompson  
District II Commissioner

# Boone County Purchasing

Melinda Bobbitt, CPPO, CPPB  
Director of Purchasing



613 E. Ash St., Room 110  
Columbia, MO 65201  
Phone: (573) 886-4391  
Fax: (573) 886-4390

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## MEMORANDUM

TO: Boone County Commission  
FROM: Melinda Bobbitt, CPPO, CPPB  
DATE: February 18, 2015  
RE: Bid Award Recommendation: *05-13JAN15 – Standby Power Generator*

Request for Bid *05-13JAN15 – Standby Power Generator* closed on January 13, 2015. Five bids were received. Dave Dunford, our Radio Consultant, recommends Cummins Mid-South of Columbia, MO for offering the lowest and best bid. Contract award is \$15,900.

Invoices will be paid from 4101 – ECC Radio & Technology, account 71201- Construction Costs. The entire project has a budget of \$2.83 million and the generator had an estimate of \$14,150.

ATT: Evaluation Memo per Dave Dunford  
Bid Tab

cc: Bid File  
Karen Miller, Commission  
Dave Dunford, Radio Consultant  
Kathy McMahon, Mission Critical Partners

**Melinda Bobbitt - Generator Bids**

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**From:** "Dave Dunford" <ddunford@kc.rr.com>  
**To:** <MBobbitt@boonecountymo.org>  
**Date:** 1/15/2015 10:13 AM  
**Subject:** Generator Bids  
**CC:** <KMiller@boonecountymo.org>

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Melinda, I have reviewed all the documents you forwarded that were submitted by five vendors in response to Bid #05-13JAN15 regarding the purchase of a standby power generator for the radio tower compound at the new 9-1-1 center.

I believe the most informative and responsive bid packages were furnished by the low bidder, Cummins Mid-South, and the third low bidder, Gateway Industrial Power. By their submittals it appears that both these bidders were fully compliant with the technical specifications.

Accordingly, I recommend award for the purchase to the low, compliant, and responsive bidder Cummins Mid-South, initially for one unit at \$15,900.00.

Thanks very much for taking the time and effort to elicit good bids.

David O. Dunford  
Technical Consultant  
County of Boone, Public Safety Joint Communications

05-13JAN15 - Standby Power Generator							
BID TABULATION			BACKUP POWER SOLUTIONS LLC	GATEWAY INDUSTRIAL POWER	COASTAL ELECTRIC	MEYER ELECTRIC	CUMMINS MID-SOUTH
4.8.	PRICING	QTY	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE	UNIT PRICE
4.8.1.	Base Bid: New Standby Power Generator as specified per section 2	1	\$19,500.00	\$23,275.00	\$29,000.00	\$26,344.00	\$15,900.00
	Make/Model		CUMMINS/ONAN 50GGPC 50KW PROPANE GENERATOR	TAYLOR POWER SYSTEMS TG50	GENERAC SG0050AG035.4V18 HPYYA	GENERAC 60 kW M/N: SC0050AG035.4V18 HPYYA, 120/240 VOLTS, SINGLE PHASE, 60 HZW PROPANE - VAPOR FUELED GENERATOR	Cummins GGPC 50kW LP (V)
4.8.2.	Option 1: One (1) second unit, same type and model, for a tentative delivery of 2nd quarter 2015. Delivered and installed to: 7575 St. Charles Rd., Columbia, MO 65202	1	\$19,500.00	\$23,275.00	\$29,000.00	\$26,344.00	\$15,900.00
4.9.	Describe Warranty		2 YEAR MANUFACTURER'S WARRANTY ON PARTS, LABOR, TRAVEL.	2 YEAR MANUFACTURER'S WARRANTY ON PARTS, LABOR, TRAVEL, BATTERIES AND ENGINE - 1600 HRS. ONE YEAR ON HEATER.	2 YEAR MANUFACTURER'S WARRANTY ON PARTS, LABOR, TRAVEL.	2 YEAR MANUFACTURER'S WARRANTY ON PARTS, LABOR, TRAVEL.	Standard 2 year warranty
4.10.	DELIVERY and Installation (1st Unit) ARO		6-8 WEEKS	12-13 WEEKS	6-9 WEEKS	90 DAYS	5 WEEKS
4.10.	How long is pricing firm in case 2nd unit is needed?		GOOD UNTIL 12-31-15	6 MONTHS OR LONGER AS LONG AS SAME PRICE FROM FACTORY IS GIVEN.	60 DAYS	90 DAYS	6 MONTHS
4.12.	Cooperative Purchasing Y or N		YES	YES	YES	YES	YES

# CONTRACT AGREEMENT

THIS AGREEMENT, made and entered into by and between the Boone County Commission of Columbia, Missouri, (hereinafter referred to as the Owner), and **Cummins Mid-South, L.L.C.** (hereinafter referred to as the Contractor).

WITNESSETH: That for and in consideration of the acceptance of Contractor's bid and the award of this contract to said Contractor by the Owner and in further consideration of the agreements of the parties herein contained, to be well and truly observed and faithfully kept by them, and each of them, it is agreed between the parties as follows, to wit:

1. The Contractor at his own expense hereby agrees to do or furnish all labor, materials, and equipment called for in the bid designated and marked:

**Project Name: Standby Power Generator**

**Bid Number: 05-13JAN15**

and agrees to perform all the work required by the Contract as described in the specifications.

2. The following Contract documents and all addenda (if applicable), are made a part hereof as fully as if set out herein: Change orders issued subsequent to this Contract shall be subject to the terms and conditions of the agreement unless otherwise specified in writing.
  1. Introduction and General Conditions of Bidding
  2. Primary Specifications
  3. Response Presentation and Review
  4. Response Form
  5. Certification Regarding Debarment
  6. Work Authorization Certification
  7. Prior Experience
  8. Insurance Requirements
  9. Contract Agreement
  10. Affidavit of Compliance with OSHA Requirements
  11. Affidavit of Compliance with Prevailing Wage Law
  12. State Prevailing Wage Rates - Annual Wage Order #21
  13. Standard Terms and Conditions
  14. E-mail dated January 14, 2015 from Douglas Belshe

It is understood and agreed that, except as may be otherwise provided for by the Specifications the work shall be done in accordance with the contract documents. Said Specifications are part and parcel of this Contract, and are incorporated in this Contract as fully and effectively as if set forth in detail herein. If a conflict is identified in the Specifications, the more stringent requirement will govern the work. If a conflict is identified between this Contract Agreement and any other incorporated item, the terms of this Contract Agreement shall prevail and control over the conflicting terms.

3. Contractor agrees that he is fully informed regarding all of the conditions affecting the work to be done, and labor and materials to be furnished for the completion of this Contract. Contractor has made and shall be deemed to have made a careful examination of the site of the Project and the scope of work for the project, and shall become informed as to the location and nature of the proposed construction, the transportation facilities, the kind and character of soil and terrain to be encountered, the kind of facilities required before and during the construction of the Project, general local conditions and all other matters that may affect the cost and the time of completion of the Project. Contractor has secured this information by personal investigation and research and not

from any estimates of Owner. Contractor agrees to make no claim against the Owner by reason of estimates, tests or representation of any officer, agent or employee of Owner.

4. Time and Manner of Construction:

- 4.1. The said Contractor agrees to begin work not later than the authorized date in the Notice to Proceed, and to complete the work within the time specified in the proposal or such additional time as may be allowed by the Owner under the Contract. Contractor has proposed a five (5) week lead time on the generator and will schedule the order, furnishing, delivery and bolting of generator to the concrete pad upon notification by County representative.
  - 4.2. The time for Completion of Construction shall be extended for the period of any reasonable delay which is due exclusively to causes beyond the control and without the fault of Contractor, including acts of God, fires, floods, and acts or omissions of the Owner with respect to matters for which the Owner is solely responsible. Provided, however, that no extension of time for completion shall be granted the Contractor unless within ten (10) days after the happening of any event relied upon by the Contractor for such an extension of time the Contractor shall have made a request therefore in writing to the Owner, and provided further that no delay in such time of completion or in the progress of the work which results from any of the above causes shall result in any liability on the part of the Owner.
  - 4.3. Owner may from time to time during the progress of the construction of the project make such changes, additions to or subtractions from the Plans, Specifications, and sequence of construction provided for in the Contract Documents as conditions may warrant. Provided, however, that if any change in the construction to be done shall require an extension of time, a reasonable extension will be granted if Contractor shall make a written request therefore to the Owner within ten (10) days after any such change is made. And provided further, that if the cost to Contractor of construction of the project shall be materially increased by any such change or addition, the Owner shall pay Contractor for the reasonable cost thereof in accordance with a construction contract amendment signed by the Owner and Contractor, but no claim for additional compensation for any such change or addition will be considered unless Contractor shall have made a written request therefore to the Owner prior to the commencement of work in connection with such change or addition.
5. Construction not in proposal: Contractor also agrees that when it is necessary to construct units not shown in the Proposal it will construct such units for a price arrived at as follows:
- 5.1. The cost of materials shall be determined by the invoices.
  - 5.2. The cost of labor shall be reasonable cost thereof, as agreed upon by the Owner and Contractor prior to the commencement of work.
  - 5.3. The cost of overhead and profit, when agreed to by Owner, shall not exceed 7% of the cost of the change order for each.
  - 5.4. Contractor shall bear any increases in costs for required bonds due to approved change orders. Contractor further states that Contractor understands that standard deviations from drawings are not appropriate matters for change order consideration. Contractor shall use any forms provided by Owner for any requested or required Change Orders.
6. The work shall be done to complete satisfaction of the Owner and, in the case the Federal Government or any agency thereof is participating in the payment of the cost of construction of the work, the work shall also be subject to inspection and approval at all times by the proper agent or officials of such government agency. All site preparations and daily clean up, including any related costs such as rental of dumpsters or parking, shall be the responsibility of Contractor. Contractor shall participate in meetings with Owner and/or County Representative as requested to coordinate the work and administer the project. Contractor shall employ stormwater management practices appropriate to the project as required by Owner.

7. The parties hereto agree that this Contract in all things shall be governed by the laws of the State of Missouri.
8. Contractor agrees it will pay not less than the prevailing hourly rate of wages to all workmen performing work under the Contract in accordance with the prevailing wage determination issued by the Division of Labor Standards of the Department of Labor and Industrial Relations for the State of Missouri and as maintained on file with the Boone County Purchasing Department. The Contractor further agrees that it shall forfeit as a penalty to the County of Boone the sum of \$100.00 for each workman employed for each calendar day or portion thereof such workman is paid less than the stipulated rates set forth in the prevailing wage determination for the project for any work done under this contract by the Contractor pursuant to the provisions of Section 290.250 RSMo. The Contractor further agrees that he will abide by all provisions of the prevailing wage law as set forth in Chapter 290 RSMo. and rules and regulations issued thereunder and that any penalties assessed may be withheld from sums due to the Contractor by the Owner.
9. The Contractor agrees that he will comply with all federal and state laws and regulations and local ordinances and that he will comply and cause each of his subcontractors, and directives pertaining to nondiscrimination against any person on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in connection with this Contract, including procurement of materials and lease of equipment; therefore, in accordance with the special provisions on that subject attached hereto, incorporated in and made a part of the Contract.
10. The Contractor expressly warrants that he has employed no third person to solicit or obtain this Contract in his behalf, or to cause or procure the same to be obtained upon compensation in any way contingent, in whole or in part, upon such procurement. Also, that he has not paid, or promised or agreed to pay to any third person, in consideration of such procurement, or in compensation for services in connection therewith, any brokerage, commission or percentage upon the amount receivable by he hereunder; and that he has not, in estimating the Contract price demand by he, included any sum by reason of any such brokerage, commission, or percentage; and that all moneys payable to he hereunder are free from obligation of any other person for services rendered, or supposed to have been rendered, in the procurement of this Contract. Contractor further agrees that any breach of this warranty shall constitute adequate cause for the annulment of this Contract by the Owner, and that the Owner may retain to its own use from any sums due to or to become due hereunder an amount equal to any brokerage, commission, or percentage so paid, or agreed to be paid.
11. Records: Contractor shall keep, and require subcontractors to keep, such books and records as shall be necessary to perform the services required by this Agreement and enable the Owner's representative to evaluate the performance of such services. The owner's representative shall have full and free access to such books and records at all times during normal business hours of Owner, including the right to inspect, copy, and audit and make records and transcripts from such records. Such records shall be maintained for a period of three (3) years following completion of the services hereunder, and the Owner shall have access to such records in the event any audit is required.
12. Integration; Amendment: It is understood that there are no oral agreements between the parties hereto affecting this Agreement and this Agreement supersedes and cancels any and all previous negotiations, arrangement, agreements and understandings, if any, between the parties, and none shall be used to interpret this Agreement. This Agreement may be amended at any time by the mutual consent of the parties by an instrument in writing.
13. Severability: In the event that any one or more of the phrases, sentences, clauses, paragraphs, or sections contained in this Agreement shall be declared invalid or unenforceable by a valid judgment or decree of a court of competent jurisdiction, such invalidity or unenforceability shall not affect any







**AFFIDAVIT OF COMPLIANCE WITH THE PREVAILING WAGE  
LAW**

Before me, the undersigned Notary Public, in and for the County of \_\_\_\_\_

State of \_\_\_\_\_, personally came and appeared (name and title)

\_\_\_\_\_ of the (name of company)

\_\_\_\_\_ (a corporation) (a partnership) (a proprietorship)

and after being duly sworn did depose and say that all provisions and requirements set out in Chapter 290 Sections 290.210 through and including 290.340, Missouri Revised Statutes, pertaining to the payment of wages to workmen employed on public works projects have been fully satisfied and there has been no exception to the full and complete compliance with said provisions and requirements and with Wage Determination NO. \_\_\_\_\_ issued by the Division of Labor Standards on the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, in carrying out the Contract and work in connection with

(name of project) \_\_\_\_\_ located at

(name of institution) \_\_\_\_\_ in \_\_\_\_\_  
County,

Missouri and completed on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Signature

Subscribed and sworn to me this \_\_\_\_\_ day of \_\_\_\_\_,  
20\_\_\_\_\_.

My commission expires \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Notary Public

## Melinda Bobbitt - Boone County 50 KW LP Generator Bid

---

**From:** Douglas Belshe <douglas.belshe@cummins.com>  
**To:** "mbobbitt@boonecountymo.org" <mbobbitt@boonecountymo.org>  
**Date:** 1/14/2015 4:28 PM  
**Subject:** Boone County 50 KW LP Generator Bid  
**CC:** Jeff M Moss <jeff.moss@cummins.com>

---

Good Afternoon Melinda, per our conversation we will Deliver the unit to the site and bolt down to the pad during start up. Additionally, units are test run at the factory prior to shipping.

Boone County is to coordinate fuel plumbing and wiring unit to building or tower.

Let me know if you have any other questions.

***Doug Belshe***  
Service Manager

Cummins Mid-South, LLC  
5221 Hwy 763 N  
Columbia, Missouri 65202

573-449-3711  
573-449-3712 (fax)  
573-489-4061 (cell)  
douglas.belshe@cummins.com

USER NAME  PASSWORD

[Forgot Username?](#) [Forgot Password?](#)

[Create an Account](#)

SAM.gov will be down for a scheduled maintenance window this Friday, 1/16/2015, from 8:00 PM until Midnight (EST).

## Entity Dashboard

Cummins Mid-South, L.L.C.  
 DUNS: 053794533 CAGE Code: 04MP1  
 Status: Active

3770 S Perkins Rd  
 Memphis, TN, 38118-6328 ,  
 UNITED STATES

Expiration Date: 02/17/2015  
 Purpose of Registration: All Awards

[Entity Overview](#)

[Entity Record](#)

[Core Data](#)

[Assertions](#)

[Reps & Certs](#)

[POCs](#)

[Reports](#)

[Service Contract Report](#)

[BioPreferred Report](#)

[Exclusions](#)

[Active Exclusions](#)

[Inactive Exclusions](#)

[Excluded Family Members](#)

[RETURN TO SEARCH](#)

### Entity Overview

#### Entity Information

**Name:** Cummins Mid-South, L.L.C.  
**Business Type:** Business or Organization  
**POC Name:** Sheri Cooper  
**Registration Status:** Active  
**Activation Date:** 02/17/2014  
**Expiration Date:** 02/17/2015

#### Exclusions

**Active Exclusion Records?** No

SAM | System for Award Management 1.0

IBM v1.P.23.20141126-1047

WWW4

**Note to all Users:** This is a Federal Government computer system. Use of this system constitutes consent to monitoring at all times.



4. Response Form

- 4.1. Company Name: Cummins Mid-South
- 4.2. Address: 2247 Cassens Drive
- 4.3. City/Zip: Fenton, MO 63026
- 4.4. Phone Number: 314-591-2581
- 4.5. Fax Number: 636-660-7697
- 4.6. E-mail: jeff.moss@cummins.com
- 4.7. Federal Tax ID: 62-1785987

- 4.7.1.  Corporation
- Partnership - Name \_\_\_\_\_
- Individual/Proprietorship - Individual Name \_\_\_\_\_ (If Individual, Bidder must complete Certification of lawful presence in U.S. on attached form).
- Other (Specify) \_\_\_\_\_

4.8. PRICING		<u>Unit Price</u>
4.8.1. <b>Base Bid:</b> New Standby Power Generator as specified per section 2. Make / Model #: - Cummins - GGPC 50kW LP(V)	See Attached Quote for Specifics	\$ <u>\$15,900</u>
4.8.2. <b>Option 1:</b> One (1) second unit, same type and model, for a tentative delivery of 2 <sup>nd</sup> quarter 2015. Delivered and installed to: 7575 St. Charles Road, Columbia, MO 65202		\$ <u>\$15,900</u>

4.9. DESCRIBE WARRANTY (or attach)  
Standard Cummins 2 year Warranty

4.10. Delivery and Installation After Receipt of Order: TBD (County will not need delivery until 2<sup>nd</sup> quarter of 2015) Cummins has a 5 week lead time on this Generator and can \_\_\_\_\_ make proposed delivery as long as submittals are returned in a timely manner.

4.11. County may order a second generator. Please state how long pricing is firm: Six (6) months

4.12. Will you honor the submitted prices for purchase by other entities in Boone County who participate in cooperative purchasing with Boone County, Missouri?  
X Yes \_\_\_\_\_ No

But the specification has to be the same and the Price could change a little due to start up and territory confinements that limit where I can sell per Cummins Corporate.

4.13. **The undersigned offers to furnish and deliver the articles or services as specified at the prices and terms stated and in strict accordance with all requirements contained in the Request for Bid which have been read and understood, and all of which are made part of this order. By submission of this bid, the vendor certifies that they are in compliance with Section 34.353 and, if applicable, Section 34.359 ("Missouri Domestic Products Procurement Act") of the Revised Statutes of Missouri.**

4.13.1. **Authorized Representative (Sign By Hand):** \_\_\_\_\_ Date: January 13, 2015

4.13.2. **Print Name and Title of Authorized Representative**  
Jeff Moss - Territory Sales Manager

This page is for the contractor installing the Generator

WORK AUTHORIZATION CERTIFICATION  
PURSUANT TO 285.530 RSMo  
(FOR ALL BIDS IN EXCESS OF \$5,000.00)

County of Shelby )

State of Tennessee )

)SS.  
)

My name is Mark Whitehead I am an authorized agent of Cummins Mid-South LLC (Bidder). This business is enrolled and participates in a federal work authorization program

for all employees working in connection with services provided to the County. This business does not knowingly employ any person that is an unauthorized alien in connection with the services being provided. Documentation of participation in a federal work authorization program is attached hereto.

Furthermore, all subcontractors working on this contract shall affirmatively state in writing in their contracts that they are not in violation of Section 285.530.1 and shall not thereafter be in violation. Alternatively, a subcontractor may submit a sworn affidavit under penalty of perjury that all employees are lawfully present in the United States.

Mark Whitehead 1-9-15

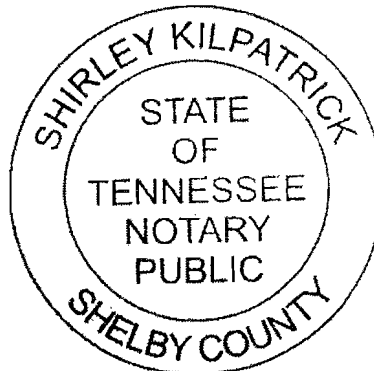
Affiant Date

Mark Whitehead

Printed Name

Subscribed and sworn to before me this 9<sup>th</sup> day of January, 2015.

Shirley Kilpatrick  
Notary Public



(Please complete and return with Bid)

Certification Regarding  
Debarment, Suspension, Ineligibility and Voluntary Exclusion  
Lower Tier Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98 Section 98.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988, Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS FOR CERTIFICATION)

- (1) The prospective recipient of Federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective recipient of Federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

*Mark Whitehead, CFO*

\_\_\_\_\_  
Name and Title of Authorized Representative

*Mark Whitehead*

\_\_\_\_\_  
Signature

*1-9-15*

\_\_\_\_\_  
Date



**EXHIBIT A**  
**PRIOR EXPERIENCE**

(References of similar services for governmental agencies are preferred)

**1. Prior Services Performed for:**

Company Name: State Emergency Management  
Address: 2302 Militia Dr  
Jefferson City, MO 65101  
Contact Name: Scott Hughes  
Telephone Number: 573-638-9519  
Date of Contract: 2008 - Current  
Length of Contract: ~~Current~~ 7 years

Description of Prior Services (include dates): Maintain units 2008 - Present, performed minor & major repairs to generators and transfer switch. Provide Emergency Support as needed.

**2. Prior Services Performed for:**

Company Name: City of Columbia  
Address: Columbia, MO 65202  
Contact Name: Ronnie Tennill, Eric Evans  
Telephone Number: 573-474-0640, 573-874-6284  
Date of Contract: 2005 - Present  
Length of Contract: 10 years

Description of Prior Services (include dates): Make Major and minor repairs on Standby generators owned by City of Columbia. Perform basic maintenance to major repairs for public works.

**3. Prior Services Performed for:**

Company Name: Missouri Dept of Health and Senior Services  
Address: 920 Wildwood Dr  
Jefferson City, MO 65109  
Contact Name: Kevin Kolb  
Telephone Number: 573-751-6397  
Date of Contract: 2012 - Present  
Length of Contract: 3 years

Description of Prior Services (include dates): Provide basic maintenance as well as major & minor repairs. Also provide Emergency support as needed.



**Power  
Generation**

# Quotation

## Boone County 50kW LP(V)

Boone County Purchasing Department

Quotation Date: 01-09-2015

Quotation Number: 3717 0000 0003 1522

### Project Highlights:

The following items are of particular importance when comparing our quotation with the job specifications and any competing quotes you may have received:



- Cummins GGPC - 50kW LP(V).
- Weather enclosure with standard features.
- Remote E-stop.
- Battery and battery charger.
- Startup, battery and commissioning.

### Thank You!

We appreciate your interest in Cummins Power Generation products and services! This quote has been prepared based on the specifications and any addenda received by our office. Please feel free to contact us for questions or changes, we're here to help you.

### Prepared by:



**Mid-South**

**Jeff Moss**

Territory Sales Manager

(314) 591-2581 Cell

(636) 660-7697 Fax

jeff.moss@cummins.com

# Quotation

**Cummins Mid-South LLC**  
**2247 Cassens Drive**  
**Fenton, MO 63026**

**Your Salesperson:** Jeff Moss  
**Date of Quotation:** January 9, 2015  
**Attention:** Purchasing  
**Project Name:** Boone County 50kW LP(V)  
**Quotation #:** 3717 0000 0003 1522

Thank you for your inquiry. We are pleased to quote as follows:

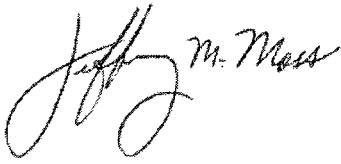
Item	Description	Qty
	<b>Spark Ignited Genset: 60Hz-50kW</b>	
Install-US-Stat	U.S. EPA, Stationary Emergency Application	1
50GGPC	Genset-Spark Ign, Propane, 60Hz,50kW - Standby Rating	1
A331-2	Duty Rating-Standby Power	1
L090-2	Listing-UL 2200	1
L225-2	OSHPD Seismic Certification	1
L156-2	Cert-Seismic, IBC2000,2003,2006,Ss=3.41g.rooftop	1
L155-2	EmissionsCert-SI,EPA,Emergency,Stationary,40CFR60	1
C099-2	Fuel System-LP Vapor Withdrawal	1
F182-2	Enclosure-Steel,Weather Protective,with ExhSys	1
R104-2	Voltage-120/240,1 Phase,3 Wire	1
B268-2	Alternator-60Hz, 12 Ld,Broad Rng,Full 1Ph Outp,105C	1
H643-2	SET CONTROL-PCC 2100	1

B240-2	Exciter/Regulator-Torque Match	1
A366-2	Engine Governor-Electronic, Isochronous Only	1
H606-2	Meters-AC Output,Analog	1
G023-2	Switch-Key, Control Operating Mode	1
H569-2	Warning-Low Fuel Gas Pressure	1
KU93-2	CB or EB or TB-Left Only	1
KT85-2	CircuitBreaker-250A,Left,2P,240V,TM,80%UL	1
KB73-2	CB or EB or TB-Bottom Entry, Left	1
F179-2	Skidbase-Housing Ready	1
E125-2	Engine Cooling-High Ambient Air Temperature	1
H527-2	Warning-Low Coolant Level	1
E089-2	Extension-Engine Coolant Drain	1
H036-2	Coolant Heater-120 Volt Ac, Single Phase	1
D041-2	Engine Air Cleaner-Normal Duty	1
L028-2	Genset warranty- Base, Standby 2 years / 400 hours, Prime Power 1 year / unlimited hours, Continuous Power 1 year / unlimited hours	1
L050-2	Literature-English	1
A322-2	Packing-Skid, Poly Bag	1
H268-2	Extension-Oil Drain	1
F065-2	Rack-Battery	1

<b>STARTUP</b>	<b>Startup and Field Testing</b>	<b>1</b>
STARTUP	Complete Startup Service (Cummins-Trained Personnel)	1
BATTERY	Generator Starting Battery	1
LOADBANK	One-hour Load Bank to set system controls ONLY	1
TRAINING	Basic training by qualified Cummins personnel	1
<b>DELIVERY</b>	<b>F.O.B. Factory with freight allowed to first U.S. destination.</b>	<b>1</b>

<b>Total</b>	<b>Total Quoted Price</b>	<b>\$15,900</b>
--------------	---------------------------	-----------------

Submitted by,

 \_\_\_\_\_

**Territory Sales Manager**

jeff.moss@cummins.com

Cell: 314-591-2581

Fax: 636-660-7697

**EXCEPTIONS:**

- 1) Cummins Mid-South will provide the coolant heater and battery charger to ensure that everything works with the Generator being supplied.
- 2) Cummins Mid-South is taking exception to starting up the Generator at the Contractors facility first. The start up will happen at the job site facility ONLY.



## Notes, Clarifications, and Exceptions

Thank you for your interest in Cummins Power Generation products and services. We strive to provide the most detailed and accurate quotations possible. The following are important notes, clarifications, and exceptions which govern our quotation. Please review them carefully.

### Additional Information:

- F.O.B. – Jobsite
- Quoted price does not include any applicable taxes. A tax exemption certificate where applicable must be received by Cummins Mid-South LLC or taxes will be charged.
- **Unloading, installation, and fueling by others.**
- Cancellation charges will be incurred if your order is cancelled after it is placed.

### Lead Time

As of the date of this quotation, lead time is approximately **5-6 weeks** from the time submittals are approved (order is released) until the time it leaves the factory. Please allow several additional days for shipping and delivery.

### Terms

Net thirty (30) days after date of invoice, subject to credit approval. Past due accounts will be subject to finance charges and late fees.

### Acceptance

This quotation and the pricing contained herein is valid for ninety (90) days from the date of quotation. Please issue a purchase order within this time frame.

### Proprietary Information

This offer, and any subsequent communication relative to this offer, is considered to be the proprietary information of Cummins Mid-South, L.L.C. Your acceptance of this document is sufficient to form a confidential relationship between your organization and Cummins Mid-South, LLC for the sole purpose of bid development for the above-mentioned project. Accordingly, do not publish, use, reproduce, transmit, or disclose to others outside of your organization any information contained in this offer without the prior written consent of Cummins Mid-South, LLC.

94 -2015

# CERTIFIED COPY OF ORDER

STATE OF MISSOURI }  
County of Boone } ea.

February Session of the January Adjourned

Term. 20 15

In the County Commission of said county, on the 26th day of February 20 15

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the attached Consultant Services Agreement with Crockett Engineering Consultants for Geotechnical Engineering Services on the property located at 607 East Ash Street.

It is further ordered the Presiding Commissioner is hereby authorized to sign said Consultant Services Agreement.

Done this 26th day of February, 2015.

ATTEST:

Wendy S. Noren  
Wendy S. Noren *mg*  
Clerk of the County Commission

*[Signature]*  
Daniel K. Atwill

Presiding Commissioner

*[Signature]*  
Karen M. Miller

District I Commissioner

*[Signature]*  
Janet M. Thompson

District II Commissioner

# Boone County Purchasing

Elizabeth Sanders, CPPB  
Senior Buyer



613 E. Ash St, Room 111  
Columbia, MO 65201  
Phone: (573) 886-4393  
Fax: (573) 886-4390

---

## MEMORANDUM

TO: Boone County Commission  
FROM: Elizabeth Sanders, CPPB  
DATE: February 19, 2015  
RE: Consultant Services- Professional Services Agreement

Attached is a professional services agreement with Crockett Engineering Consultants of Columbia, Missouri for Facilities Maintenance to conduct geotechnical and structural testing and reporting on county property at 607 East Ash Street. Purpose of anticipated expenditure is to document and report conditions of the property which would explain current damages.

Total Not to Exceed cost for this work is \$10,000.00 and will be paid from department 6200 (capital repairs and replacements), account 60110 (major building repairs / replacement).

ATTACHMENT: Professional Services Agreement

cc: Bob Davidson, Facilities Maintenance Manager  
Contract File



**APPROVAL OF PROPOSAL FOR CONSULTANT SERVICES**

Effective the 26<sup>th</sup> day of FEBRUARY, 2015, Boone County, Missouri, a political subdivision of the State of Missouri through its County Commission (herein "Owner") hereby approves and authorizes professional services by the Consultant referred to below for the services specified herein.

**Consultant Name:** Crockett Engineering Consultants, 2608 N. Stadium Blvd., Columbia, MO 65202

**Project/Work Description:** Geotechnical Engineering Services for the Alternative Sentencing building property, 607 East Ash Street.

**Proposal Description:** Consultant to provide all services set out in the attached Proposal.

**Modifications to Proposal:** Fees and expenses shall not exceed \$10,000.00 without prior written approval of Owner.

This form agreement and any attachments to it shall be considered the approved proposal; signature by all parties below constitutes a contract for services in accordance with the above described proposal and any approved modifications to the proposal, both of which shall be in accordance with the terms and conditions of the General Consultant Services Agreement signed by the Consultant and Owner for the current calendar year on file with the Boone County Resource Management Department, which is hereby incorporated by reference. Performance of Consultant's services and compensation for services shall be in accordance with the approved proposal and any approved modifications to it and shall be subject to and consistent with the General Consultant Services Agreement for the current calendar year. In the event of any conflict in interpretation between the proposal approved herein and the General Consultant Services Agreement, or the inclusion of additional terms in the Consultant's proposal not found in the General Consultant Services Agreement, the terms and conditions of the General Consultant Services Agreement shall control unless the proposal approved herein specifically identifies a term or condition of the General Consultant Services Agreement that shall not be applicable or this Approval of Proposal indicates agreement with a specific term or terms of Consultant's proposal not found in the General Consultant Services Agreement.

**CROCKETT ENGINEERING CONSULTANTS**

By [Signature]  
Title PARTNER

Dated: 2/17/15

**BOONE COUNTY, MISSOURI**

By [Signature]  
Presiding Commissioner

Dated: 2-26-15

**APPROVED AS TO FORM:**

[Signature]  
County Attorney

**ATTEST:**

[Signature]  
County Clerk

**Certification:**

I certify that this contract is within the purpose of the appropriation to which it is to be charged and there is an unencumbered balance of such appropriations sufficient to pay the costs arising from this contract.

[Signature] 2/19/15 6200-7110-2  
Auditor Date

**CROCKETT**  
ENGINEERING CONSULTANTS  
2608 North Stadium Boulevard  
Columbia, Missouri 65202  
(573) 447-0292

December 30, 2014

Elizabeth Sanders  
Boone County Purchasing  
613 E Ash Street, Room 111  
Columbia, MO 65201

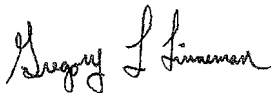
Dear Elizabeth:

Please see below list of tasks/deliverables that Crockett Engineering will provide for the property at 607 East Ash Street.

- Geotechnical investigation and report including all recommended test results (Liquid limits, strength tests, water content, swell test results, etc.)
- Structural investigation with report with photos and sketches if applicable
- Recommendations of repair along with estimated price

Sincerely,

Crockett Engineering Consultants, LLC



Gregory Linneman, Partner

# Boone County Purchasing

**Elizabeth Sanders, CPPB**  
**Senior Buyer**



613 E. Ash Street, Rm. 111  
Columbia, MO 65201  
(573) 886-4393  
Fax- (573) 886-4390

---

December 26, 2014

Crockett Engineering Consultants  
2608 North Stadium Blvd  
Columbia, Mo 65202  
Attn: Gregory Linneman, PE

RE: RFP #54-05DEC14 Engineering Services for County Facilities Maintenance

Mr. Linneman:

In order for review of your proposal offer of services described in the above Request for Proposal #54-05DEC14 to be completed, I will need from you the description of tasks/deliverables your firm will provide at your quoted hourly 'not-to-exceed' cost of \$10,000 that would provide Facilities Maintenance with the following:

“Vendor to conduct a thorough geotechnical, foundation, and structural inspection of the property at 607 East Ash Street (Alternative Sentencing Center) and provide a preliminary engineering report explaining the conditions that resulted in damages. Include in the report an itemized list of problems with estimate of needed foundation repairs as well as cosmetic repairs.”

The Schedule of Hourly Rates you provided already would be used in the project for additional services over and above the Not-to-Exceed cost quoted in your proposal response dated December 5, 2014.

Please provide the above information to my attention at your earliest opportunity so Purchasing and Facilities Maintenance may move forward with the review of your proposal offer of services to Boone County. I need your response by 5:00 pm, Tuesday, December 30, 2014. You may email, fax or mail your additional information to me.

Thank you,

Elizabeth Sanders, CPPB  
[lsanders@boonecountymmo.org](mailto:lsanders@boonecountymmo.org)

cc: Bob Davidson, Facilities Maintenance Manager

**CROCKETT**  
**ENGINEERING CONSULTANTS**  
2608 North Stadium Boulevard  
Columbia, Missouri 65202  
(573) 447-0292

December 5, 2014

Bob Davidson  
Facilities Maintenance Manager  
Boone County Purchasing  
613 E Ash Street, Rm. 111  
Columbia, MO 65201

Dear Mr. Davidson:

Thank you for the opportunity for Crockett Engineering Consultants to submit our Qualifications for geotechnical, foundation, and structural inspection services for the property at 607 East Ash Street, Alternative Sentencing Center in Columbia, MO. We would like to offer you these qualifications for your review and consideration.

While the attached document illustrates many of the attributes of Crockett Engineering, I have specifically listed several benefits of selecting us below.

- **Specialized experience and technical competence:** Crockett Engineering Consultants has completed numerous foundation investigations similar to that of the 607 East Ash Street project. Furthermore, we are well versed in the permitting and approval process of both local and state agencies. Our knowledge and expertise allows us to provide accurate and complete design plans while operating within a specified budget.
- **Capacity and Capability:** Our company has grown in recent years. In this growth period we have been able to expand with additional clients and quality employees. Crockett Engineering is staffed with nearly 30 employees that are competent in sanitary sewer design. The expertise of our professionals range from infrastructure design to full surveying services and from in-house geotechnical engineering to structural design services. Regardless of the size of the project Crockett Engineering will assign the required staff to complete the project within the specified timeframe. Our current workload would allow us to begin work immediately. After notice to proceed is given by the County, we could commit to start the project within two weeks and could complete the project in 60 days.
- **Past performance:** The vast majority of our business comes from repeat clients. We fully believe that this is due to the service we provide as well as the quality of the

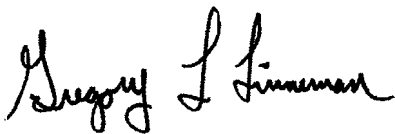
plans we complete. When a set of plans leaves our office we make sure that they are not only accurate and complete but that they also represent a cost effective solution to the project. Crockett Engineering believes that a successful project starts with a quality set of plans. That is why all plans that leave our office go through a quality control process before being sent out. We encourage prospective clients to talk to existing and past clients about our performance and product.

- Familiarity with the area: Crockett Engineering has been in business in Boone County for nearly 30 years. In that time we have developed a solid reputation with the governing bodies as well as the development community. We have archived files for projects located all over the County. Our extensive experience allows us to start any project with understanding and knowledge of the area.
- All inclusive company: With the addition of Crockett Geotechnical - Testing Lab we are now able to provide an all-inclusive array of services in-house. This addition allows us to complete our own soil borings, geotechnical reports, and construction testing on any and all of our design projects. No more guessing if the contractor will hit rock on a project because we now have the ability to drill and locate the subsurface conditions before the design takes place.
- The proposed fee for this project will be hourly "not-to-exceed" cost of \$10,000.

Once again we thank you for the opportunity to present Crockett Engineering Consultants to the Boone County Purchasing Department. Should you have any questions about our firm I would be more than happy to discuss them with you.

Sincerely,

Crockett Engineering Consultants, LLC

A handwritten signature in black ink that reads "Gregory Linneman". The signature is written in a cursive, flowing style.

Gregory Linneman, PE



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
02/17/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Pearl Insurance 1200 E Glen Ave Peoria Heights IL 61616		<b>CONTACT NAME:</b> <b>PHONE (A/C, No, Ext):</b> <b>FAX (A/C, No):</b> <b>E-MAIL ADDRESS:</b>	
<b>INSURED</b> Crockett Engineering Consultants LLC 2608 N Stadium Blvd Columbia MO 65202-1271		<b>INSURER(S) AFFORDING COVERAGE</b> INSURER A: RLI Insurance Company NAIC # 13056 INSURER B: Landmark American Insurance Company NAIC # 33138 INSURER C: INSURER D: INSURER E: INSURER F:	

### COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

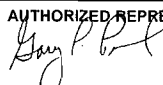
INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	Y	Y	PSB0002739	01/06/2015	01/06/2016	EACH OCCURRENCE \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
							MED EXP (Any one person) \$ 10,000
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COM/PROP AGG \$ 2,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
A	<b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE	Y	Y	PSE0001999	01/06/2015	01/06/2016	EACH OCCURRENCE \$ 4,000,000
	DED <input type="checkbox"/> RETENTION \$ <input type="checkbox"/>						AGGREGATE \$ 4,000,000
							\$ 4,000,000
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N	N	LHR744572	04/08/2014	04/08/2015	WC STATUTORY LIMITS <input type="checkbox"/> OTHER <input type="checkbox"/>
							E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
B	Professional Liability Retroactive Date: 01/03/1985	N	N	LHR744572	04/08/2014	04/08/2015	\$1,000,000 Per Claim/\$2,000,000 Aggregate \$10,000 Deductible

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

The County of Boone is named as additional insured

### CERTIFICATE HOLDER

### CANCELLATION

The County of Boone 613 E Ash Street, Room 111 Columbia, MO 65201	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
02/17/2015

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<b>PRODUCER</b> Brian Hazelrigg State Farm 2415 Carter Ln Ste 100 Columbia, MO 65201 	<b>CONTACT NAME:</b> Brian Hazelrigg <b>PHONE (A/C, No, Ext):</b> 573-445-1687 <b>E-MAIL ADDRESS:</b> brian@brianhazelrigg.com	<b>FAX (A/C, No):</b> 573-445-5346
	<b>INSURER(S) AFFORDING COVERAGE</b>	
<b>INSURED</b> Crockett Engineering Consultants LLC 2608 N Stadium Blvd Columbia, MO 65202	<b>INSURER A:</b> State Farm Fire and Casualty Company <b>NAIC #</b> 25143	
	<b>INSURER B:</b>	
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
	<b>INSURER F:</b>	

**COVERAGES**      **CERTIFICATE NUMBER:**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/>					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	203 4339-A03-25A 163 3926-A23-25C 259 3866-D11-25	01/03/2015 01/23/2015 10/11/2014	07/03/2015 07/23/2015 04/11/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<b>UMBRELLA LIAB</b> <b>EXCESS LIAB</b> OCCUR <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED \$      RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICE/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	95-BU-F571-6 F	09/09/2014	09/09/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

The County of Boone is named as additional insured.

<b>CERTIFICATE HOLDER</b> The County of Boone 613 E Ash Street, Room 111 Columbia, MO 65201	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

Company ID Number: 267358

## THE E-VERIFY PROGRAM FOR EMPLOYMENT VERIFICATION MEMORANDUM OF UNDERSTANDING

### ARTICLE I

#### PURPOSE AND AUTHORITY

This Memorandum of Understanding (MOU) sets forth the points of agreement between the Department of Homeland Security (DHS) and **Crockett Engineering Consultants, LLC** (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). This MOU explains certain features of the E-Verify program and enumerates specific responsibilities of DHS, the Social Security Administration (SSA), and the Employer. E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of the Employment Eligibility Verification Form (Form I-9). For covered government contractors, E-Verify is used to verify the employment eligibility of all newly hired employees and all existing employees assigned to Federal contracts.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note). Authority for use of the E-Verify program by Federal contractors and subcontractors covered by the terms of Subpart 22.18, "Employment Eligibility Verification", of the Federal Acquisition Regulation (FAR) (hereinafter referred to in this MOU as a "Federal contractor") to verify the employment eligibility of certain employees working on Federal contracts is also found in Subpart 22.18 and in Executive Order 12989, as amended.

### ARTICLE II

#### FUNCTIONS TO BE PERFORMED

##### A. RESPONSIBILITIES OF SSA

1. SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all employees verified under this MOU and the employment authorization of U.S. citizens.
2. SSA agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. SSA agrees to provide the Employer with names, titles, addresses, and telephone numbers of SSA representatives to be contacted during the E-Verify process.
3. SSA agrees to safeguard the information provided by the Employer through the E-Verify program procedures, and to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security Numbers and for evaluation of the E-Verify program or such other persons or entities who may be authorized by SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).



Company ID Number: 267358

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## Information Required for the E-Verify Program

### Information relating to your Company:

Company Name: Crockett Engineering Consultants, LLC

Company Facility Address: 2608 N. Stadium Blvd.

Columbia, MO 65202

Company Alternate  
Address:

County or Parish: BOONE

Employer Identification  
Number: 431882059

North American Industry  
Classification Systems  
Code: 541

Parent Company: \_\_\_\_\_

Number of Employees: 5 to 9

Number of Sites Verified  
for: 1

**Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:**

- MISSOURI 1 site(s)

Company ID Number: 267358

**Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:**

Name:	<b>Timothy D Crockett</b>	Fax Number:
Telephone Number:	<b>(573) 447 - 0292</b>	
E-mail Address:	<b>tim@crockettengineering.com</b>	

COUNTY OF BOONE - MISSOURI  
WORK AUTHORIZATION CERTIFICATION  
PURSUANT TO 285.530 RSMo  
(FOR ALL AGREEMENTS IN EXCESS OF \$5,000.00)

County of BOONE )

State of MISSOURI )ss  
)

My name is GREGORY LINNEMAN am an authorized agent of CROCKETT  
ENGINEERING (Bidder). This business is enrolled and participates in a federal work authorization program for all employees working in connection with services provided to the County. This business does not knowingly employ any person that is an unauthorized alien in connection with the services being provided.

**Documentation of participation in a federal work authorization program is attached to this affidavit.**

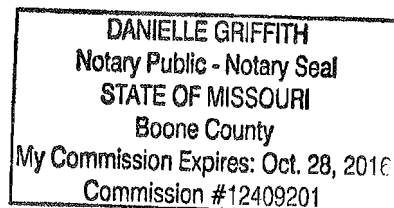
Furthermore, all subcontractors working on this contract shall affirmatively state in writing in their contracts that they are not in violation of Section 285.530.1, shall not thereafter be in violation and submit a sworn affidavit under penalty of perjury that all employees are lawfully present in the United States.

[Signature] /17/15  
Affiant Date  
GREGORY LINNEMAN  
Printed Name

Subscribed and sworn to before me this 17 day of FEBRUARY 2015.

[Signature]  
Notary Public

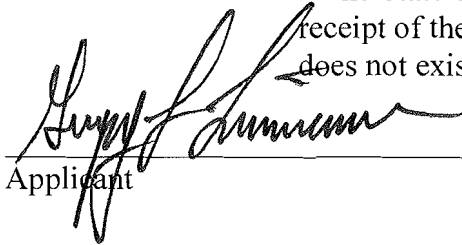
**Attach to this form the first and last page of the *E-Verify Memorandum of Understanding* that you completed when enrolling.**



## CERTIFICATION OF INDIVIDUAL BIDDER

Pursuant to Section 208.009 RSMo, any person applying for or receiving any grant, contract, loan, retirement, welfare, health benefit, post secondary education, scholarship, disability benefit, housing benefit or food assistance who is over 18 must verify their lawful presence in the United States. Please indicate compliance below. Note: A parent or guardian applying for a public benefit on behalf of a child who is citizen or permanent resident need not comply.

- X   1. I have provided a copy of documents showing citizenship or lawful presence in the United States. (Such proof may be a Missouri driver's license, U.S. passport, birth certificate, or immigration documents). Note: If the applicant is an alien, verification of lawful presence must occur prior to receiving a public benefit.
2. I do not have the above documents, but provide an affidavit (copy attached) which may allow for temporary 90 day qualification.
3. I have provided a completed application for a birth certificate pending in the State of                     . Qualification shall terminate upon receipt of the birth certificate or determination that a birth certificate does not exist because I am not a United States citizen.

  
Applicant

2/17/15  
Date

GREGORY LINNEMAN  
Printed Name

**AFFIDAVIT**

**(Only Required for Certification of Individual Bidder (Option #2))**

State of Missouri )  
County of Boone )SS.  
 )

I, the undersigned, being at least eighteen years of age, swear upon my oath that I am either a United States citizen or am classified by the United States government as being lawfully admitted for permanent residence.

2/17/15  
Date

43-1982059  
Social Security Number  
or Other Federal I.D. Number

*Gregory Linnehan*  
Signature

Gregory Linnehan  
Printed Name

On the date above written Gregory Linnehan appeared before me and swore that the facts contained in the foregoing affidavit are true according to his/her best knowledge, information and belief.

*Danielle Griffith*  
Notary Public

My Commission Expires: 10/28/16



(Please complete and return with Contract)

Certification Regarding  
Debarment, Suspension, Ineligibility and Voluntary Exclusion  
Lower Tier Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98 Section 98.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988, Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS FOR CERTIFICATION)

- (1) The prospective recipient of Federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective recipient of Federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

GREGORY LINNEMAN

Name and Title of Authorized Representative



Signature

2/27/2015

Date

# Boone County Purchasing

**Elizabeth Sanders, CPPB**  
**Senior Buyer**



613 E. Ash Street, Rm. 111  
Columbia, MO 65201  
(573) 886-4393  
(573) 886-4390

---

## Request for Proposal – Engineering Services

November 19, 2014

Boone County Facilities invites Crockett Engineering Consultants, LLC to submit a proposal to conduct a thorough geotechnical, foundation, and structural inspection of the property at 607 East Ash Street, Alternative Sentencing Center, Columbia, Mo and provide a preliminary engineering report explaining the conditions that resulted in damages. Include in the report an itemized list of problems with estimate of needed foundation repairs as well as cosmetic repairs.

If approval is given by County Commission, Consultant will be requested to assist County Facilities in writing bid specifications and provide set of biddable plans which would be used by the Purchasing Department to seek bids from contractors for the necessary repair work.

### Historical Information:

In 2007, Boone County contracted to remodel the 1<sup>st</sup> floor of the Boone County Alternative Sentencing Center. During this remodel, it was determined that there was a possibility of foundation issues but no stabilization was to take place at that time, and County was to monitor any issues. Later in 2007, Boone County decided to move forward with the remodel of the ground level of the Alternative Sentencing Center. The foundation stabilization was approved at that time. Prior to the ground floor remodel, County contracted for foundation repairs, requiring only stabilization of the foundation, not raise to level. Measurements indicated that the north half of the building was level but the south wall was down over 2 inches. Foundation repairs were completed in 2008. In 2011, development of plans for ground floor remodel was done and the project was completed in mid-2012. Early in 2013, ground floor level sheetrock cracks were reported and repaired. The assumption for the cracks was the way the metal studs had been installed. After nine months, the cracks had reappeared and a couple of doors were difficult to open and close. In early 2014, County again received an evaluation and estimate for foundation repairs. Information received indicated that the piers previously

used (Magnum Heavy Duty Resistance piers) were failing. These type piers were reported to be failing in foundation jobs in other locations as well. However, funding was not available for major rework of the stabilization at that time.

Please provide the following in your proposal:

- Cover letter signed by an authorized representative of your firm, and include a Statement of Purpose which indicates your understanding of the intent of this Request for Proposal. Additionally, include a summarization of the content of your proposal.
- Outline of the schedule of tasks your firm will use to complete the services required, with a tentative timeline.
- An hourly “Not-To-Exceed” cost for providing the services described in this proposal: geotechnical, foundation and structural inspection of Alternative Sentencing Center with a detailed report explaining the conditions which resulted in damages; provide itemized list of problems with estimate of foundation and cosmetic repairs, to include foundation stabilization along with any wall, floor and door repairs.
- Include a Schedule of Hourly Rates for use in this project, for additional services as required and if needed.
- Quote an expected start date once Notice to Proceed is given by County, with estimated completion date for all deliverables.

You may email or fax your proposal to my attention by 5:00 pm, Friday, December 5, 2014. Email to [lsanders@boonecountymo.org](mailto:lsanders@boonecountymo.org) or fax to 573-886-4390. Point of contact to inspect the Alternative Sentencing Center is Bob Davidson, Facilities Maintenance Manager, 573-886-4401 and [BDavidson@boonecountymo.org](mailto:BDavidson@boonecountymo.org)



JASON KANDER

MISSOURI  
SECRETARY  
OF STATE

MISSOURI ONLINE BUSINESS FILING



Limited Liability Company Details as of 2/19/2015

Fees & Forms

FAQ

Corporations Home

Business Outreach Office

UCC Filings

Corporation Filings

SOS Home

Contact Us

\*Required Field

If you wish to file online, select the filing from the Filing drop-down list, then click the FILE ONLINE button.

To file a registration report, click the FILE REGISTRATION REPORT button.

To order copies or certificates, click the COPIES/CERTIFICATES button.

---

RETURN TO Select filing from the list. FILE  
**SEARCH RESULTS** Amended and Restated Articles of Organization **ONLINE**

ORDER COPIES/  
**CERTIFICATES**

General Information	Filings	Address	Contact(s)
Name(s) <b>CROCKETT ENGINEERING CONSULTANTS, L.L.C.</b>		<u>Address</u>	
Type <b>Limited Liability Company</b>		Charter No. <b>LC0036753</b>	
Domesticity <b>Domestic</b>		Status <b>Active</b>	
Registered Agent <b>Robert N Hollis</b>		Date Formed <b>2/29/2000</b>	
1103 E Broadway			
Columbia, MO 65201			
Duration <b>Perpetual</b>			
Managed by			

The information contained herein is provided as a public service. The State makes no representation or guarantee as to the correctness, completeness or suitability of the information provided or of any linked information. All critical information should be verified directly with the Secretary of State, Corporation Division. The State, its employees, contractors, subcontractors or their employees do not make any warranty, expressed or implied, or assume any legal liability for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed or represent that its use would not infringe on privately-owned rights. The information and/or services provided may change at any time without notice.

[View assistance for Search Results](#)

### Search Results

**Current Search Terms: crockett\* engineering\* consultants\* LLC\***

**Notice:** This printed document represents only the first page of your SAM search results. More results may be available. To print your complete search results, you can download the PDF and print it.

No records found for current search.

#### Glossary

##### Search Results

Entity

Exclusion

##### Search Filters

By Record Status

By Functional Area - Entity Management

By Functional Area - Performance Information

SAM | System for Award Management 1.0

IBM v1.P.24.20150116-1831

**Note to all Users:** This is a Federal Government computer system. Use of this system constitutes consent to monitoring at all times.



95 -2015

# CERTIFIED COPY OF ORDER

STATE OF MISSOURI

} ea.

February Session of the January Adjourned

Term. 20 15

County of Boone

In the County Commission of said county, on the

26th

day of

February

20 15

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the attached General Consultant Services Agreements with the following:

Bartlett & West, Inc.  
Terracon Consultants, Inc.

The terms of the Services are stipulated in the attached Agreements. It is further ordered the Presiding Commissioner is hereby authorized to sign said General Consultant Services Agreements.

Done this 26th day of February, 2015.

ATTEST:

Wendy S. Noren  
Wendy S. Noren  
Clerk of the County Commission

Daniel K. Atwill

Daniel K. Atwill  
Presiding Commissioner

Karen M. Miller

Karen M. Miller  
District I Commissioner

Janet M. Thompson

Janet M. Thompson  
District II Commissioner

## GENERAL CONSULTANT SERVICES AGREEMENT

THIS AGREEMENT dated this 26<sup>th</sup> day of February, 2015, by and between Boone County, Missouri, a first class county and political subdivision of the state of Missouri through its County Commission, (herein "Owner") and Bartlett & West, Inc (herein "Consultant").

IN CONSIDERATION OF the performance of the services rendered under this Agreement and payment for such services, the parties agree to the following:

1. **Agreement duration** – This contract shall be in effect beginning January 1, 2015 or the date of full execution; which ever is later and run through the calendar year ending on December 31, 2015. This agreement may be terminated in accordance with the terms and conditions set forth in this agreement.

2. **Services** - As authorized by the Owner in writing, the Consultant shall provide the Owner all engineering, surveying, and other professional services for the benefit of the Owner as prescribed by the Owner based upon requests for proposals for projects assigned during the term of this agreement and the Consultant shall provide the Owner, as applicable, with the services, reports, studies, surveys, plans, specifications, and other work required by the Owner's request for proposal. Consultant agrees to provide all such services in a timely manner as established by the Owner in writing for each assigned project, or in the absence of the designation, within a reasonable time after receipt of Owner directives. Consultant agrees to provide services by and through qualified personnel under standards and conditions generally accepted by professionals in the field or occupations for which services are provided. Services shall be provided based only upon requests for proposals provided to the Consultant by the Owner or Owner's representative and to which the Consultant prepares and submits a written proposal for services which is approved by the Owner in writing. No work shall be performed nor shall compensation be paid for Consultant work performed without an Owner approved written proposal for professional services. Proposals for services shall be in written form, as required by the request for proposal, and shall be specifically responsive to the criteria provided by the Owner in its request for proposal. All work performed by the Consultant, based upon Owner approved proposals submitted by the Consultant, shall be subject to the terms and conditions of this agreement unless otherwise specifically agreed upon by the Owner and Consultant in writing. All proposals for work submitted by the Consultant to the Owner for work shall at a minimum contain the following:

2.1 **Scope of Services** - Each proposal for services shall contain a detailed description of work to be performed by the Consultant. When the Owner provides the Consultant with a written and/or graphic request for proposal, the Consultant's proposal shall be responsive to the request with the same or greater level of specificity required by the request for proposal. The Consultant shall specifically identify services which are included as basic services and those services which are excluded from basic services in the proposal. Services which the Consultant does not identify as excluded from basic services under the proposal and which are necessary for successful completion of the work in the judgment of the Owner shall be presumed to be a part of basic services under the proposal. If a request for proposal requires the Consultant to provide optional services, the Consultant's proposal shall respond to the options requested, or provide

reasons why the Consultant cannot provide or respond to the request for optional services.

2.2 **Time for Completion** - Each proposal for services shall contain a detailed description of the estimated time to complete each task or item of work to be performed by the Consultant under the proposal. When the Owner provides the Consultant with a written and/or graphic request for proposal, the Consultant's proposal shall be responsive to any request for estimated or maximum completion times for work with the same or greater level of specificity required by the request for proposal.

2.3 **Compensation** - Each proposal for services shall state the basis of compensation on either: (1) an hourly fee plus expense basis with a statement of a maximum compensation to be charged, or, (2) a lump sum payment of compensation for all work to be performed, or, (3) a payment based upon unit prices. Proposals for compensation for an hourly fee plus expense basis shall provide detailed time and expense estimates to support a maximum contract amount to be charged and shall be consistent with the hourly rates, unit prices and reimbursement rates made a part of this agreement by reference in paragraph two (2) below. When the Owner or Owner's representative requests the Consultant to provide work on an hourly fee plus expense basis, the Consultant's proposal shall be responsive to the request and shall not propose payment on another basis unless otherwise authorized. Unit price proposals shall identify and estimate the quantity of units as a part of the proposal when they can be identified and estimated, or as necessary in response to a particular request for proposal requesting such information. Each proposal for services shall also state a proposed payment schedule at a frequency no greater than monthly in such amounts as are consistent with amount of work to be performed and billed. Reimbursable expenses proposed shall be specifically identified and estimated as a part of the proposal with a statement of the maximum amount to be charged unless the Owner's request for proposal specifies otherwise.

2.4 **Signatures** - Consultant proposals for services under this agreement shall be signed and dated by the Consultant or an authorized representative of the Consultant (as applicable), and shall be considered binding offers to contract open for acceptance by the Owner for an indefinite duration unless limited in the proposal or withdrawn prior to acceptance by the Owner. All proposals for services under this agreement shall be on forms approved by the Owner; use of the signature block shown in this agreement on a proposal for services shall be considered an adequate signature block. In the absence of an Owner provided form, the signature block shall contain a signature line for Boone County, Missouri by its Presiding Commissioner, a signature line for attestation by the County Clerk, a signature line approving the proposal by the Director of Resource Management, and a signature line for the County Attorney approving the proposal as to legal form. In addition, the signature block shall contain a line for insertion of the date the proposal is approved by the Owner.

3. **Compensation** - In consideration for the Consultant's provision of services under this agreement, the Owner agrees to compensate the Consultant for services rendered in accordance with the hourly rates, unit prices and reimbursement rates for expenses set forth in the schedule for hourly rates and expense charges to be in effect for the calendar year of this agreement which is either attached to this agreement or maintained on file with the Boone County Resource Management Department and is hereby incorporated by reference. No increases in the rates and charges set forth in the attached schedule shall be permitted for this

calendar year without the written authorization of the Owner. Payments shall be made within thirty (30) days of receipt of invoice by the Owner. Invoices shall be submitted periodically as mutually agreed upon by the Owner and Consultant, or in the absence of such agreement, upon completion of the work constituting the task or project for which services are provided. Invoices for services on an hourly fee plus expense basis shall individually describe the task or project by name, show hours expended by classes of personnel in increments of not less than one-half hour and rates applied, as well as describe work performed during the invoice period; reimbursable expenses shall be itemized. Invoices for services performed on a unit price basis shall identify the task or project by name, identify and quantify units charged for services during the invoice period. Invoices for services on a lump sum basis shall identify the task or project by name and the invoiced amount. Periodic invoices shall not exceed the amounts permitted in the Consultant's proposal approved by the Owner. The Owner reserves the right to withhold payment for inadequately documented invoices until documented as required herein. The Owner further reserves the right to withhold payments for unperformed work or work not performed on a timely basis in accordance with the Consultant's proposal when delays in performance of services are not attributable to the Owner, or as a result of a billing dispute between the Owner and Consultant. However, Owner agrees to pay interest at a rate of nine percent (9%) annum on any disputed billed amounts for which payments are withheld beyond thirty (30) days of invoice if and to the extent that those disputed amounts are resolved in favor of the Consultant.

4. **Owner Responsibilities** - Owner agrees to furnish Consultant with all current and available information for each task or project assigned to Consultant, along with any information necessitated by changes in work or services initiated by the Owner which may affect services rendered thereunder.

5. **Coordination of Work and Work Product** - Consultant shall coordinate all work with the Owner's designated representative for each task or project assigned to Consultant and submit to the Owner's representative all work product in written or graphic form (and in electronic form if requested) as applicable or required. All reports, surveys, test data, memoranda, samples, plans, specifications, and other documents or materials submitted by or to the Owner shall be considered the property of the Owner. When available and requested by the Owner, work product shall be provided in electronic form at actual cost in media compatible for use with Owner software and equipment.

6. **Insurance** - Consultant shall procure and maintain professional liability insurance in such amounts as are deemed mutually agreeable to the parties and approved by the Owner or the Owner's representative in writing within thirty (30) days of this Agreement. Consultant shall also maintain general public liability insurance with coverage's no less than \$2,000,000.00 per occurrence, and worker's compensation insurance as required by state law. Failure of Consultant to obtain or maintain such insurance during this contract, or to provide proper proofs thereof upon request of the Owner, shall not diminish, waive or otherwise reduce the Consultant's obligations to maintain such insurance coverage and Consultant shall indemnify and hold the Owner and all its personnel harmless from and against any and all claims, damages, losses and expenses, including reasonable attorney's fees and litigation costs, arising out of or resulting from the performance of services, provided that any such claim, damage, loss or expenses, is caused in whole or in part by the negligent act, omission and or liability of the Consultant, its agents or employees. The Consultant shall provide the Owner with certificates of insurance

exhibiting the coverage as specified above within thirty (30) days of execution of this agreement and thereafter within five (5) working days after request by the Owner. All certificates of insurance shall contain provision that insurance provided shall not be canceled or altered except upon ten (10) days written notice to the Owner.

7. **Delegation and Subcontracting** - Unless otherwise proposed and approved in the Consultant's proposal for services, the Consultant shall not delegate or subcontract any work to be performed by the Consultant under this agreement to any other person, business or entity without the express advance written approval of the Owner for such delegation or subcontract work.

8. **Records and Samples** - To the extent not otherwise transferred to the Owner's possession, Consultant agrees to retain and provide the Owner with reasonable access to all work product, records, papers and other documents involving transactions and work related to or performed under this agreement for a period of three (3) years after this agreement expires. When services involve testing or sampling, Consultant agrees to either retain all test products or samples collected by or submitted to Consultant, or return same to the Owner as mutually agreed upon. In absence of agreement, Consultant shall not dispose of test samples or products without notice to or consent by the Owner or the Owner's representative.

9. **Additional Services** - No compensation shall be paid for any service rendered by the Consultant considered an additional service beyond the scope of services approved by the Owner unless rendition of that service and expense thereof has been authorized in writing by the Owner in advance of performance of such service. Any additional services performed by the Consultant prior to such authorization by the Owner shall be deemed a part of basic services for work performed under an Owner approved proposal for services governed by this agreement, whether enumerated in this agreement or not, for which the Consultant shall be entitled to no additional compensation.

10. **Owner Authorization** -When the term Owner is used in this agreement, it shall mean the government of Boone County, Missouri or the Boone County Commission, as the context requires. Authorization by the Owner shall mean authorization obtained by recorded majority vote of the Boone County Commission. It is further understood and agreed that no person or party is authorized to bind the Owner to any proposed agreement for services under the auspices of this agreement without having obtained the prior approval of the Boone County Commission by recorded majority vote for such authorization. In this regard, it is understood and agreed that the Consultant shall not be entitled to rely upon verbal or written representations by any agent or employee of the Owner in deviation to the terms and conditions of this agreement, or as authorization for compensation for services except as may be approved by recorded vote of the Boone County Commission. When the term Owner's representative is used, it shall mean the Director of the Boone County Resource Management Department or his designee as specified in writing. It shall be presumed that such representative shall have all necessary decision making authority with respect to services provided under this agreement and Owner approved proposals for services except such representative shall have no authority to make decisions concerning changes to the Consultant's compensation or reimbursement, or with respect to services to be performed under this agreement or Owner approved proposal for services which involve or affect cost, expense or budgetary allowances.

11. **Termination** - The Owner may and reserves the right to terminate this agreement at any time with or without cause by giving the Consultant written notice of termination. Upon receipt of such notice, Consultant shall discontinue all services in connection with the performance of services authorized under this agreement or Owner approved proposal for services and Owner shall upon invoice remit payment for all authorized services completed up to the date of termination notice. Upon payment of this invoice, the Consultant shall deliver any and all work product including drawings, plans, and specifications, or other documents, prepared as instruments of service, whether complete or in progress. It is further agreed that if services are terminated the Consultant shall be compensated for all services rendered through the date of termination not to exceed the amount authorized for services through the date of termination. If the Owner questions the extent of work on a final invoice, the Consultant shall give the Owner the opportunity to review and evaluate all work upon which the invoice is based in the offices of the Consultant prior to payment. This agreement or work performed under the provisions of this agreement may also be terminated by the Consultant upon not less than seven days written notice in the event the Owner shall substantially fail to perform in accordance with the terms and conditions of this agreement, through no fault of the Consultant. In the event of termination by the Consultant, the other provisions concerning termination contained in this paragraph shall be applicable.

12. **Governing Law** - This agreement shall be governed by the laws of the state of Missouri and it is agreed that this agreement is made in Boone County, Missouri and that Boone County, Missouri is proper venue for any action pertaining to the interpretation or enforcement of any provision within or services performed under this agreement.

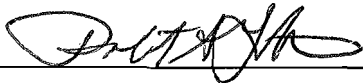
13. **Certification of Lawful Presence / Work Authorization** - Consultant shall complete and return the Work Authorization Certification attached hereto, and if applicable, the other required lawful presence documents for an individual Consultant.

14. **Miscellaneous** - This agreement constitutes the entire agreement of the parties superseding all prior negotiations, written or verbal, and may only be amended by signed writing executed by the parties through their authorized representatives hereunder.



IN WITNESS WHEREOF, the parties have executed this agreement by their duly authorized signatories effective the date and year first-above written.

**BARTLETT & WEST, INC**

By 

Title Vice President

Dated: 2/4/15


**BOONE COUNTY, MISSOURI**

By 

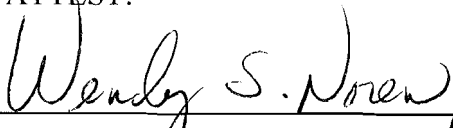
Presiding Commissioner

Dated: 2-26-15

APPROVED AS TO FORM:

  
County Attorney

ATTEST:

  
County Clerk

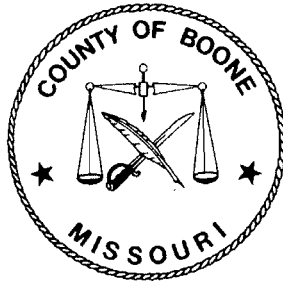
APPROVED:

  
Director, Boone County Resource Management

**BARTLETT & WEST, INC.**  
**2015 SCHEDULE OF HOURLY CHARGES**  
**Effective January 1, 2015**

Engineer XI/Landscape Arch XI	\$210.00	Right-of-Way Technician V	\$99.00
Engineer X/Landscape Arch X	194.00	Right-of-Way Technician IV	90.00
Engineer IX/Landscape Arch IX	182.00	Right-of-Way Technician III	82.00
Engineer VIII/Landscape Arch VIII	169.00	Right-of-Way Technician II	72.00
Engineer VII/Landscape Arch VII	156.00	Right-of-Way Technician I	62.00
Engineer VI/Landscape Arch VI	142.00		
Engineer V/Landscape Arch V	132.00	GIS Coordinator VIII	\$200.00
Engineer IV/ Landscape Arch IV	122.00	GIS Coordinator VII	190.00
Engineer III/Landscape Arch III	112.00	GIS Coordinator VI	180.00
Engineer II/Landscape Arch II	102.00	GIS Coordinator V	170.00
Engineer I/Landscape Arch I	92.00	GIS Coordinator IV	155.00
		GIS Coordinator III	140.00
		GIS Coordinator II	125.00
		GIS Coordinator I	115.00
Engineering Technician XI	\$165.00		
Engineering Technician X	140.00		
Engineering Technician IX	125.00		
Engineering Technician VIII	108.00	GIS Developer/DBA V	\$155.00
Engineering Technician VII	99.00	GIS Developer/DBA IV	145.00
Engineering Technician VI	91.00	GIS Developer/DBA III	135.00
Engineering Technician V	85.00	GIS Developer/DBA II	125.00
Engineering Technician IV	78.00	GIS Developer/DBA I	115.00
Engineering Technician III	70.00		
Engineering Technician II	64.00		
Engineering Technician I	60.00	GIS Project Administrator V	\$140.00
		GIS Project Administrator IV	130.00
Surveyor VIII	\$140.00	GIS Project Administrator III	120.00
Surveyor VII	131.00	GIS Project Administrator II	110.00
Surveyor VI	121.00	GIS Project Administrator I	100.00
Surveyor V	109.00		
Surveyor IV	98.00	GIS Analyst V	\$125.00
Surveyor III	88.00	GIS Analyst IV	115.00
Surveyor II	77.00	GIS Analyst III	105.00
Surveyor I	67.00	GIS Analyst II	95.00
		GIS Analyst I	85.00
Survey Technician VI	\$85.00		
Survey Technician V	75.00	GIS Technician IV	\$86.00
Survey Technician IV	66.00	GIS Technician III	77.00
Survey Technician III	58.00	GIS Technician II	67.00
Survey Technician II	53.00	GIS Technician I	56.00
Survey Technician I	48.00		
		Systems Analyst	\$130.00
Field Representative X	\$135.00	IS Support Specialist	69.00
Field Representative IX	122.00	Computer Systems Technician III	79.00
Field Representative VIII	112.00	Computer Systems Technician II	69.00
Field Representative VII	102.00	Computer Systems Technician I	55.00
Field Representative VI	93.00		
Field Representative V	85.00	Project Coordinator	\$115.00
Field Representative IV	77.00		
Field Representative III	70.00	Administrator V	\$110.00
Field Representative II	63.00	Administrator IV	97.00
Field Representative I	57.00	Administrator III	82.00
		Administrator II	74.00
		Administrator I	66.00
Right-of-Way Specialist IV	\$180.00		
Right-of-Way Specialist III	150.00	Administrative Technician V	\$70.00
Right-of-Way Specialist II	130.00	Administrative Technician IV	63.00
Right-of-Way Specialist I	115.00	Administrative Technician III	56.00
		Administrative Technician II	51.00
		Administrative Technician I	45.00





**Bartlett & West, Inc**

**Discipline List**

*Instructions: Please place a check mark in the Services Offered box next to those disciplines provided by your firm*

<b>Discipline</b>	<b>Services Offered</b>
Architecture	
Bridge Design	✓
Civil Engineering	✓
Construction Management	
Electrical Engineering	✓
Geotechnical Engineering	
Lab Testing	
Mechanical Engineering	✓
Planning	
Structural Engineering	✓
Surveying	✓
Traffic	✓
Transportation	✓
Acoustical	
Building Enclosure Consulting	
Control System Integration	✓
Design/Build	✓
Environmental	
Forensic	
GIS	✓
Industrial	
Interior Design	
Landscape Architecture	✓
Natural Gas	
Photogrammetry	
Telecommunications	
Water Resources	✓

## GENERAL CONSULTANT SERVICES AGREEMENT

THIS AGREEMENT dated this 28<sup>th</sup> day of January, 2015, by and between Boone County, Missouri, a first class county and political subdivision of the state of Missouri through its County Commission, (herein "Owner") and Terracon Consultants, Inc. (herein "Consultant").

IN CONSIDERATION OF the performance of the services rendered under this Agreement and payment for such services, the parties agree to the following:

1. **Agreement duration** – This contract shall be in effect beginning January 1, 2015 or the date of full execution; which ever is later and run through the calendar year ending on December 31, 2015. This agreement may be terminated in accordance with the terms and conditions set forth in this agreement.

2. **Services** - As authorized by the Owner in writing, the Consultant shall provide the Owner all engineering, surveying, and other professional services for the benefit of the Owner as prescribed by the Owner based upon requests for proposals for projects assigned during the term of this agreement and the Consultant shall provide the Owner, as applicable, with the services, reports, studies, surveys, plans, specifications, and other work required by the Owner's request for proposal. Consultant agrees to provide all such services in a timely manner as established by the Owner in writing for each assigned project, or in the absence of the designation, within a reasonable time after receipt of Owner directives. Consultant agrees to provide services by and through qualified personnel under standards and conditions generally accepted by professionals in the field or occupations for which services are provided. Services shall be provided based only upon requests for proposals provided to the Consultant by the Owner or Owner's representative and to which the Consultant prepares and submits a written proposal for services which is approved by the Owner in writing. No work shall be performed nor shall compensation be paid for Consultant work performed without an Owner approved written proposal for professional services. Proposals for services shall be in written form, as required by the request for proposal, and shall be specifically responsive to the criteria provided by the Owner in its request for proposal. All work performed by the Consultant, based upon Owner approved proposals submitted by the Consultant, shall be subject to the terms and conditions of this agreement unless otherwise specifically agreed upon by the Owner and Consultant in writing. All proposals for work submitted by the Consultant to the Owner for work shall at a minimum contain the following:

2.1 **Scope of Services** - Each proposal for services shall contain a detailed description of work to be performed by the Consultant. When the Owner provides the Consultant with a written and/or graphic request for proposal, the Consultant's proposal shall be responsive to the request with the same or greater level of specificity required by the request for proposal. The Consultant shall specifically identify services which are included as basic services and those services which are excluded from basic services in the proposal. Services which the Consultant does not identify as excluded from basic services under the proposal and which are necessary for successful completion of the work in the judgment of the Owner shall be presumed to be a part of basic services under the proposal. If a request for proposal requires the Consultant to provide optional services, the Consultant's proposal shall respond to the options requested, or provide

reasons why the Consultant cannot provide or respond to the request for optional services.

**2.2 Time for Completion** - Each proposal for services shall contain a detailed description of the estimated time to complete each task or item of work to be performed by the Consultant under the proposal. When the Owner provides the Consultant with a written and/or graphic request for proposal, the Consultant's proposal shall be responsive to any request for estimated or maximum completion times for work with the same or greater level of specificity required by the request for proposal.

**2.3 Compensation** - Each proposal for services shall state the basis of compensation on either: (1) an hourly fee plus expense basis with a statement of a maximum compensation to be charged, or, (2) a lump sum payment of compensation for all work to be performed, or, (3) a payment based upon unit prices. Proposals for compensation for an hourly fee plus expense basis shall provide detailed time and expense estimates to support a maximum contract amount to be charged and shall be consistent with the hourly rates, unit prices and reimbursement rates made a part of this agreement by reference in paragraph two (2) below. When the Owner or Owner's representative requests the Consultant to provide work on an hourly fee plus expense basis, the Consultant's proposal shall be responsive to the request and shall not propose payment on another basis unless otherwise authorized. Unit price proposals shall identify and estimate the quantity of units as a part of the proposal when they can be identified and estimated, or as necessary in response to a particular request for proposal requesting such information. Each proposal for services shall also state a proposed payment schedule at a frequency no greater than monthly in such amounts as are consistent with amount of work to be performed and billed. Reimbursable expenses proposed shall be specifically identified and estimated as a part of the proposal with a statement of the maximum amount to be charged unless the Owner's request for proposal specifies otherwise.

**2.4 Signatures** - Consultant proposals for services under this agreement shall be signed and dated by the Consultant or an authorized representative of the Consultant (as applicable), and shall be considered binding offers to contract open for acceptance by the Owner for an indefinite duration unless limited in the proposal or withdrawn prior to acceptance by the Owner. All proposals for services under this agreement shall be on forms approved by the Owner; use of the signature block shown in this agreement on a proposal for services shall be considered an adequate signature block. In the absence of an Owner provided form, the signature block shall contain a signature line for Boone County, Missouri by its Presiding Commissioner, a signature line for attestation by the County Clerk, a signature line approving the proposal by the Director of Resource Management, and a signature line for the County Attorney approving the proposal as to legal form. In addition, the signature block shall contain a line for insertion of the date the proposal is approved by the Owner.

**3. Compensation** - In consideration for the Consultant's provision of services under this agreement, the Owner agrees to compensate the Consultant for services rendered in accordance with the hourly rates, unit prices and reimbursement rates for expenses set forth in the schedule for hourly rates and expense charges to be in effect for the calendar year of this agreement which is either attached to this agreement or maintained on file with the Boone County Resource Management Department and is hereby incorporated by reference. No increases in the rates and charges set forth in the attached schedule shall be permitted for this

calendar year without the written authorization of the Owner. Payments shall be made within thirty (30) days of receipt of invoice by the Owner. Invoices shall be submitted periodically as mutually agreed upon by the Owner and Consultant, or in the absence of such agreement, upon completion of the work constituting the task or project for which services are provided. Invoices for services on an hourly fee plus expense basis shall individually describe the task or project by name, show hours expended by classes of personnel in increments of not less than one-half hour and rates applied, as well as describe work performed during the invoice period; reimbursable expenses shall be itemized. Invoices for services performed on a unit price basis shall identify the task or project by name, identify and quantify units charged for services during the invoice period. Invoices for services on a lump sum basis shall identify the task or project by name and the invoiced amount. Periodic invoices shall not exceed the amounts permitted in the Consultant's proposal approved by the Owner. The Owner reserves the right to withhold payment for inadequately documented invoices until documented as required herein. The Owner further reserves the right to withhold payments for unperformed work or work not performed on a timely basis in accordance with the Consultant's proposal when delays in performance of services are not attributable to the Owner, or as a result of a billing dispute between the Owner and Consultant. However, Owner agrees to pay interest at a rate of nine percent (9%) annum on any disputed billed amounts for which payments are withheld beyond thirty (30) days of invoice if and to the extent that those disputed amounts are resolved in favor of the Consultant.

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exhibiting the coverage as specified above within thirty (30) days of execution of this agreement and thereafter within five (5) working days after request by the Owner. All certificates of insurance shall contain provision that insurance provided shall not be canceled or altered except upon ten (10) days written notice to the Owner.

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12. **Governing Law** - This agreement shall be governed by the laws of the state of Missouri and it is agreed that this agreement is made in Boone County, Missouri and that Boone County, Missouri is proper venue for any action pertaining to the interpretation or enforcement of any provision within or services performed under this agreement.

13. **Certification of Lawful Presence / Work Authorization** - Consultant shall complete and return the Work Authorization Certification attached hereto, and if applicable, the other required lawful presence documents for an individual Consultant.

14. **Miscellaneous** - This agreement constitutes the entire agreement of the parties superseding all prior negotiations, written or verbal, and may only be amended by signed writing executed by the parties through their authorized representatives hereunder.

IN WITNESS WHEREOF, the parties have executed this agreement by their duly authorized signatories effective the date and year first-above written.

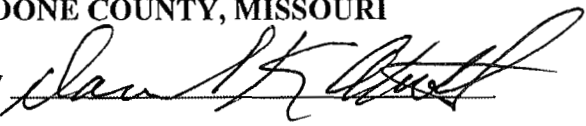
TERRACON CONSULTANTS, INC.

By 

Title Office Manager

Dated: 1-27-15

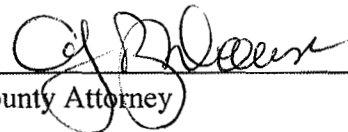
BOONE COUNTY, MISSOURI

By 

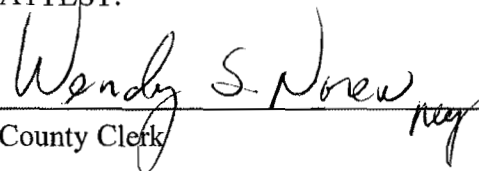
Presiding Commissioner

Dated: 2-26-15

APPROVED AS TO FORM:

  
County Attorney

ATTEST:

  
County Clerk

APPROVED:

  
Director, Boone County Resource Management

# Terracon

January 2015

## Schedule of Services and Fees Geotechnical, Construction Materials, Environmental, and Facilities Services

### I. PERSONNEL

Senior Principal .....	\$185.00/hour
Principal .....	175.00/hour
Senior Project Engineer.....	175.00/hour
Senior Project Scientist .....	155.00/hour
Senior Project Professional .....	155.00/hour
Senior Project Geologist.....	155.00/hour
Senior Project Manager II.....	155.00/hour
Senior Project Manager I.....	125.00/hour
Project Engineer II.....	135.00/hour
Project Geologist II .....	120.00/hour
Project Professional II.....	110.00/hour
Project Scientist II.....	110.00/hour
Project Engineer I.....	120.00/hour
Project Geologist I .....	110.00/hour
Project Professional I.....	93.00/hour
Project Scientist I.....	93.00/hour
Project Manager.....	100.00/hour
Field Project Manager .....	88.00/hour
Senior Staff Engineer .....	110.00/hour
Senior Staff Geologist.....	93.00/hour
Senior Staff Scientist .....	87.00/hour
Senior Staff Professional .....	87.00/hour
Staff Engineer .....	93.00/hour
Staff Geologist.....	87.00/hour
Staff Scientist .....	80.00/hour
Staff Professional .....	80.00/hour
Field Engineer .....	87.00/hour
Field Geologist .....	80.00/hour
Field Professional.....	72.00/hour
Field Scientist .....	72.00/hour
Technician V (4 hour minimum) .....	72.00/hour*
Technician IV (4 hours minimum).....	70.00/hour*
Technician III (4 hours minimum).....	61.00/hour*
Monthly rate of 160 hours or more per month .....	57.00/hour*
Technician II (4 hours minimum) .....	51.00/hour*
Monthly rate of 160 hours or more per month .....	48.00/hour*
Technician I (4 hours minimum) .....	44.00/hour*
Monthly rate of 160 hours or more per month .....	42.00/hour*
Drafts Person/Cad Operator .....	68.00/hour
Clerical/Administrative Staff.....	51.00/hour

\* An overtime premium of 1.5 times the hourly rate will apply for services provided Monday through Friday that are in excess of 8 hours per day and for services provided before 7:00 AM and after 6:00 PM, as well as for services provided on Saturday, Sunday and Terracon recognized Holidays.

NOTE: Deposition or court testimony at a minimum of 1.75 times regular rate - minimum of \$175.00/hour

**II. EXPENSES AND SUPPLIES**

Vehicle Charge (local area, within 25 miles of office) .....	89.00/day
Vehicle Charge (local area, within 25 miles of office, less than 4 hours) .....	59.00/1/2 day
Vehicle Charge (outside local area) .....	0.63/mile
Per Diem, Lodging and Food .....	Minimum of 120.00/day
Miscellaneous charges, including analytical laboratory tests, shipping charges, rental equipment, outside labor, public transportation, materials, permit fees or other contracted services .....	Cost + 20%

**III. DRILLING**

Location and elevation of borings, two-person crew .....	140.00/hour
Logging and Stratification of Boring Logs .....	90.00/hour
Mobilization of equipment and personnel – Truck Drill ..... (3.40/mile each way)	\$340.00/minimum
All-Terrain or Track-mounted Drill..... (4.40/mile each way)	465.00/minimum
Support Vehicle .....	90.00/day
Additional charge for sloping, soft ground, or swampy sites where an ATV.....	400.00/day
(non-truck-mounted) drill rig is required.....	1500.00/week
<u>Auger Drill Rig</u>	
Auger drilling without undisturbed sampling .....	9.75/foot
For disturbed samples	
0 - 40 pulling augers .....	30.00/sample
40 - 80 pulling augers .....	40.00/sample
Soil sampling using either split-barrel or Shelby tube sampler at 5-foot intervals in soil.	
<u>Depth-Feet</u>	
0 - 20 .....	13.75/foot
20 - 40 .....	15.00/foot
40 - 60 .....	17.00/foot
60 - 80 .....	20.00/foot
80 - 100.....	22.50/foot
Additional charge for drilling in weathered shale or sandstone .....	7.00/foot
Additional charge for Hollow Stem Augers (if required)	
0 - 40 .....	4.00/foot
40 - 80 .....	5.00/foot
<u>Rotary Drill Rig</u>	
Soil sampling using either split-barrel sampler or Shelby tube sampler at 5-foot intervals in soil.	
<u>Depth-Feet</u>	
0 - 20 .....	15.00/foot
20 - 40 .....	17.00/foot
40 - 80 .....	20.50/foot
(harder than Qu=5 TSF or 50 blows/ft.) .....	25.00/foot
80 - 120 .....	27.50/foot
(harder than Qu=5 TSF or 50 blows/ft.).....	32.50/foot
Additional charge for casing or drilling mud, where required.	
<u>Depth Feet</u>	
0 - 40 (Mud or NX Casing) .....	3.75/foot
(4" Casing) .....	5.50/foot
40 - 80 (Mud or NX Casing) .....	5.25/foot
(4" Casing) .....	7.00/foot
80 - 120 (Mud or NX Casing) .....	6.00/foot
(4" Casing) .....	8.50/foot

**III. DRILLING (continued)**

Drilling with organic fluids (additional) ..... quote on request  
 Hot water for wash boring when temperature is below 20° F ..... Cost + 20%

Additional thin wall or split-spoon samples

Depth Feet  
 0 - 20 ..... 25.00/sample  
 20 - 40 ..... 30.00/sample  
 40 - 60 ..... 35.00/sample  
 60 - 80 ..... 50.00/sample  
 80 - 120 ..... 60.00/sample

Drilling and sampling in strata containing primarily broken bedrock, boulders, cobbles, slag or fill containing large percentages of concrete and/or steel, plus any material where standard penetrating resistance exceeds 100/6".

Depth-Feet  
 0 - 20 ..... \$27.00/foot  
 20 - 40 ..... 29.00/foot  
 40 - 80 ..... 35.00/foot  
 80 - 120 ..... 40.00/foot

Rock Coring Set Up ..... 100.00/boring  
 NX Coring (5' minimum) 0 - 40 feet ..... 43.00/foot  
 + 40 feet ..... 45.00/foot  
 4 inch coring ..... quote on request  
 Wire Line coring ..... quote on request  
 Rock Bit Drilling ..... 32.00/foot

Hourly charge for field personnel and drilling equipment  
 Drilling w/truck-mount rig with two persons ..... 195.00/hour  
 (Overtime) 220.00/hour

Drilling w/track-mount & ATV rig with two persons ..... 210.00/hour  
 (Overtime) 235.00/hour

Cost of special equipment for moving drilling equipment ..... Cost + 20%  
 about the site or for permits

Setup time per boring or for client delay/stand-by time  
 Truck-mount ..... 175.00/hour  
 Track-mount & ATV ..... 200.00/hour

Well point installation in drilled borehole, installing plastic plus  
 perforated pipe (3" max size) does not include drilling hole ..... 250.00/hole  
 Min.of 9.00/foot  
 Additional charge for surface protector pipe, cap, and pad ..... Min. of 300.00

Plugging borehole with bentonite chips (max. 8" diameter) ..... 6.50/foot

- NOTE:
- a. Higher price for shallow holes or when there is a risk of losing or breaking augers.
  - b. Environmental projects may have surcharge if hazardous site conditions.
  - c. Rock bit and diamond bit wear will be charged at cost for hourly drilling and where hard or fractured rock results in excessive bit wear. All prices are for NX and BX size only.
  - d. Wash boring and casing prices apply when washing through hollow stem augers.

**IV. INSITU TESTING (Cone Penetration, Dilatometer and Vane Shear Testing)**

Mobilization

25-ton Truck Rig ..... 250.00 plus 2.00/mile  
 ATV, Marine, Rail car, Skid or Marsh Buggy ..... Priced On Request

**IV. INSITU TESTING (Cone Penetration, Dilatometer and Vane Shear Testing) (Continued)**

Location and elevation of test locations	
GPS Lat/Long coordinates (1 to 3M accuracy).....	25.00/location
Conventional layout and elevations, Two-person crew .....	150.00/hour
Set-up Fee .....	75.00 per location
Hourly charge for operator and equipment* .....	150.00/hour
*Note: Standby for client delay or difficult access greater than ½ hour per test location	

Electronic Cone Penetration Testing (CPT)	
CPTU (with pore pressure) .....	9.00/foot
CPT (without Pore pressure).....	8.00/foot
Seismic Tests at 1 meter intervals .....	30.00/test
Pore pressure dissipation testing .....	150.00/hour

In-Situ Vane Shear Testing (VST-direct push, 3" x 6" vane) ..... 2.00/ft depth + 75.00/test

Dilatometer Testing (DMT) tests at 1-foot intervals ..... 12.50/foot

Pushed 1.5" diameter PVC liner soil sample, 5ft length ..... 2.00/ft depth + 100.00/sample

**Data Reduction**

CPT sounding .....	75.00 each
DMT sounding.....	100.00 each
VST test.....	25.00/test

**V. GEOPROBE SYSTEM**

Mobilization .....	400.00 plus 0.75/mile
Unit Rental (Does not include personnel time).....	(portal to portal)
Geoprobe Sampling only.....	850.00/day
Geoprobe® with On-site Gas Chromatography Analysis .....	quote upon request
Consumable Geoprobe® Supplies.....	Cost + 20%
Standby/Client Delay Time - truck and operator.....	150.00/hour

**VI. GEOTECHNICAL AND MATERIALS EQUIPMENT RENTAL (Personnel time not included)**

Nuclear Density and Moisture Measuring Equipment .....	\$8.75/test
	60.00/day
	185.00/week
Cross Hole Sonic Logging Equipment .....	quote on request
Seismic Equipment .....	quote on request
Vibration Seismograph .....	175.00/day
Electrical Resistivity Equipment .....	125.00/day
Pressuremeter, Dutch Cone, Bore Hole Shear Equipment.....	300.00/day
Additional Pressuremeter Membranes or End Caps .....	200.00/each
Vane Shear Equipment.....	150.00/day
Inclinometer .....	140.00/day
	400.00/week

**VI. GEOTECHNICAL AND MATERIALS EQUIPMENT RENTAL (Personnel time not included)**  
**(Continued)**

Inclinometer Casing.....	Cost + 20%
Instrumentation Equipment - Stress Strain	
Gauge .....	75.00/week
Dial Indicators .....	20.00/week
Jack - 30 Ton .....	150.00/week
Moisture meter (for moisture in wood, insulation, drywall).....	30.00/day
James R-Meter (for size and location of reinforcing steel) .....	50.00/day
Profometer .....	110.00/day
Ferroskan .....	200.00/day
Floor Flatness Equipment (Dipstick) .....	150.00/day
.....	500.00/week
Maturity Meter .....	70.00/day
Probes .....	35.00/each
Brass 2 inch Cube Mold .....	9.00/day
.....	35.00/week
Pulse Velocity .....	95.00/day
Windsor Probe .....	90.00/day
Set of Three Probes .....	50.00/set
Windsor Pin .....	90.00/day
.....	20.00/probe
Beam Mold .....	9.00/day
.....	30.00/week
Cleaning, Beam Mold .....	18.00/each
Global Positioning System .....	quote on request

**VII. ENVIRONMENTAL EQUIPMENT RENTAL (Personnel time not included)**

Development, Sampling and Test Equipment

Bailer (SS) .....	30.00/day
Bailer (disposable).....	25.00/each
Hand Pump (PVC).....	30.00/day
4" Electric Pump.....	110.00/day
Temperature, pH, conductivity meters.....	35.00/day
Bladder Pump 1.8" OD SS (with controller & compressor).....	175.00/day
Sediment Sampler.....	\$25.00/day
Electric Water Level Indicator .....	35.00/day
Data Acquisition Station w/ Transducer.....	125.00/day
Additional Transducers .....	65.00/day
Recorder, Multi-Channel Portable Sequential Water Sampler.....	60.00/day
or Flow meter/chart recorder	
Portable Sequential Water Sampler with Flow meter/chart recorder .....	110.00/day
2" Redi-Flow Pump.....	100.00/day
Overpack Drums .....	180.00/each
Laser Level .....	100.00/day
<u>Monitoring Equipment</u>	
Toxic Gas Detector (Single Gas).....	40.00/day
Hydrocarbon/Water Interface Probe .....	65.00/day

**VII. ENVIRONMENTAL EQUIPMENT RENTAL (Personnel time not included) (Continued)**

Photoionization Detector .....	150.00/day
Ion Selective Meter.....	60.00/day
Metal/Cable Detector.....	50.00/day
Air Velocity Indicator (Anemometer) .....	45.00/day
Air Sampling Pump, Personal.....	35.00/day
Air Sample Pump, Detector Tube .....	25.00/day
Sound Level Meter .....	60.00/day
Noise Dosimeter.....	55.00/day
Viable Microorganism Sampler/Pump.....	85.00/day
Carbon Monoxide Monitor (Single Gas).....	45.00/day
Indoor Air Quality Monitor (TSI) .....	85.00/day
Oxygen/Combustible Gas/H2S Monitor .....	60.00/day
Carbon Dioxide Monitor (Single Gas) .....	50.00/day
Dissolved Oxygen Meter .....	55.00/day
Turbidity Meter.....	45.00/day
Landfill Gas Monitor (CH4/CO2/O2, Infrared) .....	125.00/day
Mercury Vapor Analyzer.....	150.00/day
Rescue/Retrieval Tripod and Winch.....	100.00/day
Manhole Ventilator.....	75.00/day
Detector Tubes, Colorimetric .....	Cost + 20%

Lead/Asbestos Equipment

XRF (Lead in Paint Analyzer) .....	275.00/day
High Volume Sample Pump.....	40.00/day
Microscope (Phase Contrast) .....	30.00/day

Cleaning Equipment

High pressure, hot water portable washer; .....	\$145.00/day
with Generator .....	185.00/day
High pressure, cold water portable washer;.....	85.00/day
with Generator .....	125.00/day
Station for Cleaning Fluid Collection.....	
250 Gallon capacity .....	35.00/day
Steam Cleaner.....	175.00/day
Generator .....	65.00/day
Cleaning Trailer (W/O fluid collection option) .....	260.00/day
includes trailer, washer, generator, hoses	

Supplied Atmosphere - Respiratory Equipment

Positive Pressure Airline Respirator System (per person) .....	quote on request
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**VIII. SOIL LABORATORY TESTING**

Identification

Atterberg Limits Determination (LL, PL) .....	60.00/test
Atterberg Limits Determination (C.O.E. Method) .....	120.00/test
Combined Analysis (Hydrometer and Sieve) .....	105.00/test
Density Determination (Shelby tube sample) .....	13.00/test
Density Determination (Irregular sample) .....	35.00/test
Hydrometer Analysis .....	75.00/test
Organic Content (by heating) .....	48.00/test



**VIII. SOIL LABORATORY TESTING (Continued)**

Shrinkage Limit Determination .....	65.00/test
Sieve Analysis (Unwashed) .....	62.00/test
Sieve Analysis (Washed over #200 sieve) .....	77.00/test
Specific Gravity Determination .....	70.00/test
Visual Engineering Classification .....	7.00/each
Moisture Content Determination .....	10.00/test
Soil Suction (ASTM, D-5298).....	35.00/test
Porosity .....	100.00/test
Pin Hole Dispersion.....	350.00/test
With Remolding of Sample.....	375.00/test
Sand Equivalent .....	110.00/test

**Consolidation**

Consolidation Test on 2-1/2 inch diameter Specimen Regular increasing Load Increment to 16 tsf.....	440.00/test
Test with Pressure-Void Ratio Curve (C.O.E. Method).....	550.00/test
Plotted Time Curves .....	70.00/each
Each additional Unloaded-Reload Cycle .....	\$110.00/cycle
Swell Test single pressure .....	120.00/test
Additional pressures.....	50.00/each
Swell Test (ASTM STP 479) .....	250.00/test

**Shear Strength**

Unconfined Compression	
Undisturbed Soil Sample .....	32.00/test
Undisturbed Soil Sample COE Method .....	40.00/test
With Stress-Strain Curve .....	55.00/each
With Stress-Strain Curve COE Method .....	70.00/each
Calibrated Hand Penetrometer or Torvane .....	5.00/each
Direct Shear FAST (cohesionless) .....	160.00/point
Direct Shear SLOW (cohesive) .....	250.00/point
Standard Sample Preparation .....	65.00/sample
Preparation on remolding for difficult samples .....	70.00/hour
Unconfined Compression on Cured Proctor Sample with Fly Ash .....	60.00/test

**Triaxial Compression**

	<u>Unconsolidated Undrained Triaxial</u>	<u>Consolidated Undrained Triaxial</u>	<u>Consolidated Drained Triaxial</u>
Total per Circle	\$ 185.00	\$ 440.00	quote on request

*Note: Test rates for 1.4 inch, 1.8 inch and 2.8 inch diameter samples. Rates for other diameter samples available upon request.*

*Consolidated Undrained Test includes pore pressure measurements.*

**Compaction and Density**

Laboratory CBR .....	315.00/test
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**VIII. SOIL LABORATORY TESTING (Continued)**

R-Value (ASTM D-2844).....	365.00/each
Modified Proctor (ASTM D 1557) .....	170.00/test*
Modified Proctor (COE Method).....	180.00/test*
Relative Density (ASTM D 4253 & D 4254 wet or dry method) .....	275.00/each
Standard Proctor (ASTM D 698) .....	150.00/each*
Standard Proctor (COE Method).....	160.00/each*
Standard Proctor with Fly Ash (2 hour Delay) .....	200.00/each
Harvard Miniature.....	170.00/each
Field CBR .....	On Request
* Additional charge for Coarse Aggregate Correction.....	20.00/each

**Permeability**

Constant Head Permeability Test (ASTM D2434) .....	340.00/test
Falling Head Permeability Test (ASTM D5084).....	270.00/test
Preparation of Remolded Samples .....	75.00/each

**Chemical Tests**

pH (by meter) .....	\$30.00/each
Electrical Conductivity by Miller box.....	175.00/each
Chloride Concentration .....	75.00/each
Soluble Sulfate .....	65.00/each
Cation Exchange Capacity of Soil .....	125.00/each

**IX. HEAVY WEIGHT DEFLECTOMETER - PAVEMENT EVALUATION**

Field Operations (does not include analysis or mobilization)	
HWD Unit & Operator (4 hour minimum).....	475.00/hour
Mobilization and Traffic Control.....	Cost+20%

**X. ROOFING**

Services of Senior Roofing Technician.....	70.00/hour
Services of Roofing Technician.....	61.00/hour
Roof Sample Analysis – Quantitative	
Asphalt, No Gravel.....	Minimum 225.00/each
Asphalt, Gravel .....	Minimum 275.00/each
Coal Tar, Gravel .....	Minimum 34000/each

**XI. STRUCTURAL STEEL AND METALS**

AWS Certified Welding Inspector .....	80.00/hour
AWS Certified Associate Welding Inspector .....	70.00/hour
Ultrasonic Examination of Welds .....	75.00/hour
Ultrasonic Equipment and Consumables .....	100.00/day
Magnetic Particle or Dye Penetrant Examination.....	75.00/hour
Magnetic Particle or Dye Penetrant Materials .....	Cost + 20%
AWS or ASME Welder Qualifications.....	
Pipe .....	150.00/each
Plate .....	115.00/each*
Weld Procedure Qualification	

**XI. STRUCTURAL STEEL AND METALS (Continued)**

AWS .....	375.00/each*
ASME .....	400.00/each*
Tensile, Yield and Elongation Test .....	135.00each*

\* Excluding machining, sample preparation and base metal costs, if required.

**XII. AGGREGATES**

Sieve Analysis (ASTM C 136).....	75.00/each
Analysis of Material finer than #200 Sieve (ASTM C 117).....	47.00/each
Combined Coarse and Fine .....	90.00/each
Organic Impurities - Colorimetric (ASTM C 40).....	45.00/each
Lightweight Particles or Chert Analysis (ASTM C 123) :	
Fine.....	\$85.00/each
Coarse .....	145.00/each
Chert .....	145.00/each
Clay Lumps (ASTM C 142).....	60.00each
Soundness (ASTM C 88) (5 cycles).....	325.00/each
Large Size Aggregate .....	350.00/each
Abrasion (ASTM C 131) .....	200.00/each
Large Size Aggregate .....	240.00/each
Organic Impurities - Mortar Strength (ASTM C 87) .....	440.00/each
Specific Gravity (ASTM C 127 or 128).....	55.00/each
Absorption Analysis (ASTM C 127 or 128).....	55.00/each
Unit Weight (ASTM C 29) .....	50.00/each
Specific Gravity and Absorption combined (ASTM C 127 or 128).....	70.00/each
Percentage Particles Less Than 1.95 Specific Gravity (AASHTO T 150) .....	On Request
Scratch Hardness Test .....	50.00/each
Freeze Thaw (AASHTO T-103).....	675.00/each
Flat and Elongated Particles.....	120.00/each
Crushed Particle Determination.....	80.00/each
Bulk Impregnated Specific Gravity.....	325.00/each
Solubility.....	75.00/each

**XIII. ASPHALT**

Extraction (ASTM D 2172) (includes gradation) .....	155.00/each
Extraction only .....	105.00/each
Asphalt Cement by ignition (including gradation).....	145.00/each
Marshall Density Specimens (ASTM 2726) (already mixed) .....	40.00/each
Set of 3 samples .....	100.00/set
Marshall Stability Flow and Density Specimens (ASTM D 1559) (already mixed) ..	45.00/each
Set of 3 samples .....	120.00/set
Core Density (field cut) .....	25.00/each
Asphalt Design Mix Review (Marshall Method).....	350.00/design
Three Point Marshall Curve (including laboratory	
mixed asphalt with 9 stability, flow and density tests) .....	750.00/set
Additional Point .....	185.00
Hveem Stability and Density (ASTM D 1560) (already mixed) (Set of 3 samples) .	135.00/set
Super Pave Molded Density Specimens (Set of 3 samples) .....	225.00/set
Penetration and Specific Gravity (ASTM D 5).....	75.00/each

### XIII. ASPHALT (Continued)

In-place Asphalt Density with nuclear testing unit (equipment only) .....	55.00/day
Bitumen Softening Point .....	60.00/each
Asphalt Coring - person .....	61.00/hour
Core Drilling Machine .....	75.00/day
Generator .....	65.00/day
Strength Retention Test .....	520.00/test
Theoretical Maximum Specific Gravity (ASTM D 2041) .....	100.00/test
Abson Recovery .....	700.00/test
Viscosity of Bituminous Materials (Kinematic).....	100.00/test
Absolute.....	100.00/test
FAA Moisture in Mix.....	75.00/test

### XIV. CONCRETE AND MASONRY

Concrete or Mortar Mix Verification .....	\$350.00/each
Laboratory Concrete Trial Batch (with cylinders).....	500.00/minimum
Laboratory Concrete Trial Batch (with beams).....	750.00/minimum
Initial setting time (ASTM C 403) (already mixed).....	250.00/each
Compressive Strength of 6" x 12" Cylinder (ASTM C 39).....	15.00/each*
Compressive Strength of 4" x 8" Cylinder (ASTM C39).....	14.25/each*
Special capping for irregular surface.....	18.00/each
6" x 12"/4" x 8"/ or 3" x 6" cylinder molds.....	1.25/each
Trimming for capping (if required) .....	20.00/each
Strip and cured test cylinders, not tested .....	15.00/each
<i>*This includes one copy of report sent to one location. Additional copies of each report 0.25/copy/mailling and additional locations sent are 2.00/mailling/location.</i>	
Flexural Strength of Concrete Beam.....	55.00/each
(Cleaning charges in addition where applicable)	
Splitting Tensile Test (6" Cylinders) .....	30.00/each
Concrete coring - technician .....	61.00/hour
Core drilling machine.....	75.00/day
Generator .....	65.00/day
Diamond bit wear per inch depth (1" steel = 12" concrete)	
3-5 inch diameter core .....	4.00/inch
5-7 inch diameter core .....	5.00/inch
Concrete sawing-technician.....	70.00/hour
Saw .....	55.00/day
Blades .....	Cost + 20%
Concrete core, measurement and strength.....	50.00/core
Trimming.....	20.00/cut
Compressive Strength and Dimensions of Masonry	
Block Units ASTM C 140 (minimum of 3)	
Depending on size and quantity .....	35.00 to 75.00/each
Net Area, Absorption, Specific Gravity and Moisture	
Content of Masonry Block (ASTM C 140) .....	65.00/block
Lineal Drying Shrinkage of Masonry Block (ASTM C 426) .....	260.00/each
Compressive Strength of Masonry Block Prism (Hollow) .....	130.00/each
Compressive Strength of Masonry Block Prism (filled with grout) .....	quote on request
Compressive Strength of 3x6 inch Grout Prism .....	30.00/each
Compressive Strength of 2 inch Mortar Cube or 3 inch cylinder .....	14.75/each
Laboratory Mortar, Trial Batch (does not include testing cubes).....	275.00/each
Mortar Flow Test (ASTM C 270) .....	60.00/test

**XIV. CONCRETE AND MASONRY (Continued)**

Mortar Water Retention Test (ASTM C 270) .....	225.00/test
Efflorescence Test .....	140.00/each
Each additional concurrently tested material .....	85.00/each
Chloride ion content of concrete (submitted sample prepared through #50 sieve)	
James Meter	
Less than 5 samples .....	55.00/each
5 or more samples.....	40.00/each
AASHTO Titration	
Less than 5 samples .....	65.00/each
5 or more samples.....	55.00/each
Sample Preparation.....	51.00/hour
Rapid chloride permeability of concrete - 4 inch diameter sample, includes sawing to length but no special curing	
1st Sample.....	\$250.00/each
Additional Samples .....	175.00/each
Rapid cure by boiling procedure .....	100.00/each

**XV. PETROGRAPHIC SERVICES (ROCK, CONCRETE, AGGREGATE)  
(Available in Cincinnati, Ohio laboratory only)**

**Concrete**

Visual Description, Fracture Logging .....	16.00/linear foot
Air Content,(ASTM C-457).....	255.00/each
Air Void System Parameters Includes (ASTM C-457) .....	295.00/each
Petrographic Examination (ASTM C-856) .....	675.00/each

**Aggregate**

Petrographic Examination (ASTM C-295)	
Coarse Aggregate .....	780.00/each
Fine Aggregate .....	510.00/each
Chert (Includes Refractive Index and Microcrystalline Quartz/Chalcedony Content)	205.00/each

**Riprap, Armorstone, Quarry Run, Etc.**

Petrographic Examination .....	400.00/each
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**Personnel Services**

Petrographer .....	125.00/hour
Materials Consultant .....	110.00/hour
Laboratory Technician .....	61.00/hour

**XVI. GEOSYNTHETIC LABORATORY TESTING  
(Available in Cincinnati, Ohio laboratory only)**

**Geomembrane Tests**

Seam Peel and Shear (Destruct), (ASTM D4437) .....	25.00/set
Bond Shear Strength of Seams, (ASTM D4437).....	25.00/set
Tensile Strength, (ASTM D 638) .....	85.00/set

**XVI. GEOSYNTHETIC LABORATORY TESTING**  
**(Available in Cincinnati, Ohio laboratory only) (Continued)**

**Geomembrane Tests**

Tearing Resistance, (ASTM D 1004) .....	55.00/set
Puncture Resistance, (ASTM D 4883).....	55.00/set
Wide-Width Tensile Strength, (ASTM D 4885) .....	250.00/set
Nominal Thickness (textured), (ASTM D 5994).....	30.00/set
Nominal Thickness (smooth), (ASTM D 5199).....	1500/set
Melt Flow Index, (ASTM D 1238).....	130.00/set
Carbon Black Content, (ASTM D 1603) .....	55.00/set
Carbon Black Dispersion, (ASTM D 5596).....	55.00/set
Density/Specific Gravity, (ASTM D 1505).....	30.00/set
Dimensional Stability, (ASTM D 1204).....	85.00/set

**Geotextile, Geonet, Geocomposite Tests**

Apparent Opening Size, (ASTM D 4751) .....	\$200.00/each
Nominal Thickness, (ASTM D 5199).....	20.00/set
Compressibility, Proposed (ASTM D 5199).....	150.00/set
Compression of Geocomposites, (ASTM D 1621) .....	150.00/each
Index Puncture Resistance, (ASTM D 4833) .....	45.00/set
Tensile Strength, Wide-Width Method, (ASTM D 4595) .....	340.00/set
Tensile Strength, Grab Method, (ASTM D 4632).....	65.00/set
Trapezoidal Tearing Strength, (ASTM D 4533) .....	65.00/set
Diaphragm Burst (Mullen) (ASTM 3786).....	45.00/set
Permittivity, (ASTM D 4491) .....	165.00/set
Mass Per Unit Area, (ASTM D 3776) .....	20.00/set
Temperature Stability, (ASTM D 4594).....	Quote on Request
Ultraviolet Light Deterioration, (ASTM D 4355) 150, 300, 500 hrs. exposure 3.00/hr	
CBR Puncture, GRI GSI .....	175.00/set
Node/Junction Strength, GRI GG2 .....	140.00/set
Peel (Ply) Adhesion, (ASTM D 413) (Top and Bottom).....	85.00/set
Percent Bonded, Visual, (Top and Bottom) .....	45.00/set

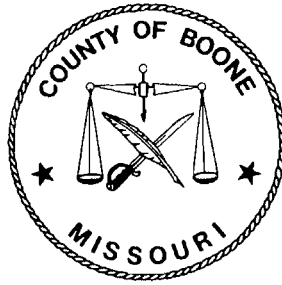
**Geosynthetic Clay Liner Tests**

Moisture Content,(ASTM D 2216).....	9.00/each
Permeability (Modified Method), GRI-GCL-2 .....	375.00/each
Mass/Unit Area, (ASTM D 5261).....	45.00/each
Free Swell, GRI-GCL-1 .....	160.00/each
Swell Index, of clay mineral components of GCL, (ASTM D 5890) .....	190.00/each

**Geosynthetic Performance Evaluation Tests**

Direct Shear Friction, (ASTM D 5321)	
One gradient, one compressive load, per direction .....	215.00/each
One gradient, one compressive load, with soil, per direction.....	300.00/each
Additional gradients, add per gradient.....	30.00/each
Additional compressive loads, add per load .....	30.00/each





**Terracon Consultants Inc**

*Instructions: Please place a check mark in the Services Offered box next to those disciplines provided by your firm*

Discipline	Services Offered
Architecture	
Bridge Design	
Civil Engineering	
Construction Management	✓
Electrical Engineering	
Geotechnical Engineering	✓
Lab Testing	✓
Mechanical Engineering	
Planning	
Structural Engineering	
Surveying	
Traffic	
Transportation	
Acoustical	
Building Enclosure Consulting	
Control System Integration	
Design/Build	
Environmental	✓
Forensic	
GIS	
Industrial	
Interior Design	
Landscape Architecture	
Natural Gas	
Photogrammetry	
Telecommunications	
Water Resources	

*- Construction Materials Testing*



# CERTIFIED COPY OF ORDER

STATE OF MISSOURI

February Session of the January Adjourned

Term. 20 15

County of Boone

} ea.

In the County Commission of said county, on the

26th

day of

February

20 15

the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the attached Consultant Services Agreements with Allstate Consultants for geotechnical and construction testing services on Roy Barnes Road and Mexico Gravel Road.

It is further ordered the Presiding Commissioner is hereby authorized to sign said Consultant Services Agreements.

Done this 26th day of February, 2015.

ATTEST:

Wendy S. Noren  
Wendy S. Noren  
Clerk of the County Commission

Daniel K. Atwill  
Daniel K. Atwill  
Presiding Commissioner

Karen M. Miller  
Karen M. Miller  
District I Commissioner

Janet M. Thompson  
Janet M. Thompson  
District II Commissioner

**APPROVAL OF PROPOSAL FOR CONSULTANT SERVICES**

Effective the \_\_\_\_\_ day of February, 2015, Boone County, Missouri, a political subdivision of the State of Missouri through its County Commission (herein "Owner") hereby approves and authorizes professional services by the Consultant referred to below for the services specified herein.

**Consultant Name:** Allstate Consultants located at 3312 Lemone Industrial Blvd; Columbia, MO 65201

**Project/Work Description:** Geotechnical and construction testing services for a project on Roy Barnes Road.

**Proposal Description:** Work is categorized in three separate sections: 1) Dilling to determine thickness of asphalt & base course and develop table of results; 2) Sample upper subgrade soils and perform classification tests & log borings; and 3) Perform construction observation and monitoring. Greater detail of the services to be performed are included in the attached proposal.

**Modifications to Proposal:** Fees and expenses shall not exceed \$1370.00 for asphalt & base thickness, \$974.00 for subgrade soils classification, \$2320.00 for construction observation for a total of \$4664.00 without prior written approval of Owner. Subgrade soils classification and construction observation; both listed as options in the proposal will require specific direction from Boone County Resource Management before the performance of these services.

This form agreement and any attachments to it shall be considered the approved proposal; signature by all parties below constitutes a contract for services in accordance with the above described proposal and any approved modifications to the proposal, both of which shall be in accordance with the terms and conditions of the General Consultant Services Agreement signed by the Consultant and Owner for the current calendar year on file with the Boone County Resource Management Department, which is hereby incorporated by reference. Performance of Consultant's services and compensation for services shall be in accordance with the approved proposal and any approved modifications to it and shall be subject to and consistent with the General Consultant Services Agreement for the current calendar year. In the event of any conflict in interpretation between the proposal approved herein and the General Consultant Services Agreement, or the inclusion of additional terms in the Consultant's proposal not found in the General Consultant Services Agreement, the terms and conditions of the General Consultant Services Agreement shall control unless the proposal approved herein specifically identifies a term or condition of the General Consultant Services Agreement that shall not be applicable or this Approval of Proposal indicates agreement with a specific term or terms of Consultant's proposal not found in the General Consultant Services Agreement.

**ALLSTATE CONSULTANTS**

By [Signature]  
Title PRESIDENT

Dated: 2/05/2015

**BOONE COUNTY, MISSOURI**

By [Signature]  
Presiding Commissioner

Dated: 2-27-15

**APPROVED AS TO FORM:**

[Signature]  
County Attorney

**ATTEST:**

[Signature]  
County Clerk *mej*

**APPROVED:**

[Signature]  
Resource Management Director

**Certification:**

I certify that this contract is within the purpose of the appropriation to which it is to be charged and there is an unencumbered balance of such appropriations sufficient to pay the costs arising from this contract.

[Signature] 2/19/15 2041-71102  
Auditor by *cgj* Date

COST ESTIMATE FOR LIMITED GEOTECHNICAL AND CONSTRUCTION TESTING SERVICES

ROY BARNES ROAD  
JANUARY 14, 2015

DRILLING TO DETERMINE THICKNESS OF ASPHALT AND BASE COURSE

PERFORM FOUR (4) SHALLOW TEST BORINGS ALONG ROAD ALIGNMENT.  
EXTEND BORINGS THROUGH ASPHALT AND BASE COURSE ONLY.  
ASSUME WE WILL DO THIS WORK ON SAME TRIP WITH MEXICO GRAVEL ROAD.  
TRAFFIC CONTROL BY BCMR.

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT FEE</u>	<u>TOTAL</u>
MOB AND DRILLING	HOURLY	3	\$115	\$345
MATERIALS/SUPPLIES	LUMP SUM	1	\$25	\$25
PER DIEM FOR 1 MAN CREW	PER DAY	0	\$100	\$0
ENGINEERING SUPERVISION	HOURLY	6	\$125	\$750
TRAFFIC CONTROL	HOURLY	0	\$100	\$0
DRILLING SUBTOTAL				\$1,120

DEVELOP TABLE OF RESULTS

DEVELOP TABLE OF RESULTS AND SUBMIT TO BCMR. NO ANALYSIS OR RECOMMENDATIONS.

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT FEE</u>	<u>TOTAL</u>
ENGINEER III	HOURLY	2	\$125	\$250
RESULTS SUBTOTAL				\$250
DRILLING AND RESULTS SUBTOTAL				\$1,370 ①

OPTION TO SAMPLE UPPER SUBGRADE SOILS, PERFORM CLASSIFICATION TESTS AND LOG BORINGS

PERFORM STANDARD PENETRATION TEST OF UPPER 18 INCHES OF SUBGRADE SOIL. OBTAIN DISTURBED SPLIT SPOON SAMPLE OF UPPER SUBGRADE SOIL. PERFORM WATER CONTENT AND ATTERBERG LIMITS ON SELECTED SOIL SAMPLES. ADD INFORMATION TO BORING LOG.

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT FEE</u>	<u>TOTAL</u>
SOIL SAMPLING	HOURLY	1	\$115	\$115
TECHNICIAN TO HELP DRILLER	HOURLY	3	\$55	\$165
ENGINEERING SUPERVISION	EACH	1	\$125	\$125
WATER CONTENT TESTS	EACH	4	\$6	\$24
ATTERBERG LIMITS	EACH	2	\$85	\$170
DEVELOP BORING LOGS	HOURLY	3	\$125	\$375
SAMPLING, TESTING, BORING LOG SUBTOTAL				\$974 ②

OPTION TO PERFORM CONSTRUCTION OBSERVATION AND MONITORING

OBTAIN PROCTOR SAMPLE PRIOR TO CONSTRUCTION WITH BCMR ZIPPER. PERFORM PROCTOR TEST.  
PERFORM CONSTRUCTION OBSERVATION AND TESTING DURING FDR PROCESS.  
ASSUME FDR TAKES 2 DAYS TOTAL TIME.

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT FEE</u>	<u>TOTAL</u>
ENGINEER III	HOURLY	8	\$125	\$1,000
TECHNICIAN	HOURLY	24	\$55	\$1,320
CONSTRUCTION MONITORING SUBTOTAL				\$2,320

192 \$2,344

**APPROVAL OF PROPOSAL FOR CONSULTANT SERVICES**

Effective the \_\_\_\_\_ day of February, 2015, Boone County, Missouri, a political subdivision of the State of Missouri through its County Commission (herein "Owner") hereby approves and authorizes professional services by the Consultant referred to below for the services specified herein.

**Consultant Name:** Allstate Consultants located at 3312 Lemone Industrial Blvd; Columbia, MO 65201

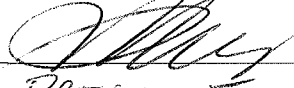
**Project/Work Description:** Geotechnical and construction testing services for a project on Mexico Gravel Road.

**Proposal Description:** Work is categorized in three separate sections: 1) Dilling to determine thickness of asphalt & base course and develop table of results; 2) Sample upper subgrade soils and perform classification tests & log borings; and 3) Perform construction observation and monitoring. Greater detail of the services to be performed are included in the attached proposal.


**Modifications to Proposal:** Fees and expenses shall not exceed \$2935.00 for asphalt & base thickness, \$2382.00 for subgrade soils classification, \$3700.00 for construction observation for a total of \$9017.00 without prior written approval of Owner. Subgrade soils classification and construction observation; both listed as options in the proposal will require specific direction from Boone County Resource Management before the performance of these services.

This form agreement and any attachments to it shall be considered the approved proposal; signature by all parties below constitutes a contract for services in accordance with the above described proposal and any approved modifications to the proposal, both of which shall be in accordance with the terms and conditions of the General Consultant Services Agreement signed by the Consultant and Owner for the current calendar year on file with the Boone County Resource Management Department, which is hereby incorporated by reference. Performance of Consultant's services and compensation for services shall be in accordance with the approved proposal and any approved modifications to it and shall be subject to and consistent with the General Consultant Services Agreement for the current calendar year. In the event of any conflict in interpretation between the proposal approved herein and the General Consultant Services Agreement, or the inclusion of additional terms in the Consultant's proposal not found in the General Consultant Services Agreement, the terms and conditions of the General Consultant Services Agreement shall control unless the proposal approved herein specifically identifies a term or condition of the General Consultant Services Agreement that shall not be applicable or this Approval of Proposal indicates agreement with a specific term or terms of Consultant's proposal not found in the General Consultant Services Agreement.

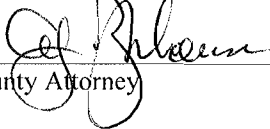
**ALLSTATE CONSULTANTS**

By   
Title PRESIDENT  
Dated: 2/05/2015

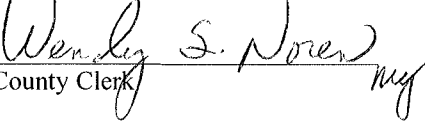
**BOONE COUNTY, MISSOURI**

By   
Presiding Commissioner  
Dated: 2-27-15

**APPROVED AS TO FORM:**

  
County Attorney

**ATTEST:**

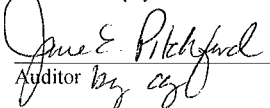
  
County Clerk

**APPROVED:**

  
Resource Management Director

**Certification:**

I certify that this contract is within the purpose of the appropriation to which it is to be charged and there is an unencumbered balance of such appropriations sufficient to pay the costs arising from this contract.

 2/19/15 2041-71102  
Auditor by agl Date

REVISED COST ESTIMATE FOR LIMITED GEOTECHNICAL AND CONSTRUCTION TESTING SERVICESMEXICO GRAVEL ROAD  
JANUARY 14, 2015DRILLING TO DETERMINE THICKNESS OF ASPHALT AND BASE COURSE

PERFORM TWELVE (12) SHALLOW TEST BORINGS ALONG MEXICO GRAVEL ROAD ALIGNMENT. EXTEND BORINGS THROUGH ASPHALT AND BASE COURSE ONLY.

TRAFFIC CONTROL BY BCMR.

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT FEE</u>	<u>TOTAL</u>
MOB AND DRILLING	HOURLY	9	\$115	\$1,035
MATERIALS/SUPPLIES	LUMP SUM	1	\$50	\$50
PER DIEM FOR 1 MAN CREW	PER DAY	1	\$100	\$100
ENGINEERING SUPERVISION	HOURLY	10	\$125	\$1,250
TRAFFIC CONTROL	HOURLY	0	\$100	\$0
DRILLING SUBTOTAL				\$2,435

DEVELOP TABLE OF RESULTS

DEVELOP TABLE OF RESULTS AND SUBMIT TO BCMR. NO ANALYSIS OR RECOMMENDATIONS.

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT FEE</u>	<u>TOTAL</u>
ENGINEER III	HOURLY	4	\$125	\$500
RESULTS SUBTOTAL				\$500
DRILLING AND RESULTS SUBTOTAL				\$2,935

OPTION TO SAMPLE UPPER SUBGRADE SOILS, PERFORM CLASSIFICATION TESTS AND LOG BORINGS

PERFORM STANDARD PENETRATION TEST OF UPPER 18 INCHES OF SUBGRADE SOIL. OBTAIN DISTURBED SPLIT SPOON SAMPLE OF UPPER SUBGRADE SOIL. PERFORM WATER CONTENT AND ATTERBERG LIMITS ON SELECTED SOIL SAMPLES. ADD INFORMATION TO BORING LOG.

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT FEE</u>	<u>TOTAL</u>
SOIL SAMPLING	HOURLY	3	\$115	\$345
TECHNICIAN TO HELP DRILLER	HOURLY	6	\$55	\$330
ENGINEERING SUPERVISION	EACH	3	\$125	\$375
WATER CONTENT TESTS	EACH	12	\$6	\$72
ATTERBERG LIMITS	EACH	6	\$85	\$510
DEVELOP BORING LOGS	HOURLY	6	\$125	\$750
SAMPLING, TESTING, BORING LOG SUBTOTAL				\$2,382

OPTION TO PERFORM CONSTRUCTION OBSERVATION AND MONITORING

OBTAIN PROCTOR SAMPLE PRIOR TO CONSTRUCTION WITH BCMR ZIPPER. PERFORM PROCTOR TEST. PERFORM CONSTRUCTION OBSERVATION AND TESTING DURING FDR PROCESS. ASSUME FDR TAKES 4 DAYS TOTAL TIME.

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT FEE</u>	<u>TOTAL</u>
ENGINEER III	HOURLY	12	\$125	\$1,500
TECHNICIAN	HOURLY	40	\$55	\$2,200
CONSTRUCTION MONITORING SUBTOTAL				\$3,700

132 5,317