

Special
Inspection
Services LLC

OWENSBORO OFFICE:
1030 Burlew Blvd. #B-3
Owensboro, KY 42303

ASHLAND OFFICE:
3644 Louisa Road
Catlettsburg, KY 41129

www.SIServicesllc.com
833-4SI-TEST
833-474-8378

May 3, 2024

Henderson County Schools
C/O RBS Design Group
723 Harvard Dr.
Owensboro, KY 42301-6185

Re: SI24-042 Henderson County High School
CTE Renovation
Special Inspections and Materials Testing

To Whom It May Concern:

Special Inspection Services, LLC (SIS) is pleased to present a proposal to provide the required special inspection and construction materials testing services for the referenced project. With a focus on special inspections and materials testing, the required services are well within the scope of services we regularly provide.

Our proposal is based on the design drawings prepared by RBS Design Group dated February 1, 2024. We have also considered the project specifications, Statement of Special Inspections, and Addendum 1. The project scope is the construction of a 2,180 sf addition featuring new foundations, concrete floor slab, masonry construction, and structural steel. Renovations of the existing restroom and construction of an exterior ADA ramp area also include.

We propose to provide the following inspection and testing services, as required, for the referenced facilities:

- Structural Special Inspections
 - Inspection of concrete reinforcing, concrete placement, and testing services
 - Inspection and testing of footing bearing capacity, subgrade, and structural fill
 - Inspection and testing of floor slab subgrade
 - Inspection of masonry construction and reinforcing
 - Inspection of structural steel and decking
- Site Work
 - Observation of proof roll
 - Inspection and testing of subgrade
 - Inspection and testing of the ramp, planter, and sidewalk concrete
- Laboratory Services
 - Concrete compressive strength testing
 - Grout Compressive strength testing
 - Transportation of test specimens to the SIS laboratory

Not to Exceed Fee: *Twelve Thousand Seven Hundred Fifty Dollars (\$12,750.00)*

Contingency Allowance:

Per the request for proposal, a contingency allowance is included to be used on the Owner’s behalf and billed hourly as directed by the architect. This fee is in addition to the fee listed for the base bid. If not used, the contingency allowance will not be invoiced.

Total Contingency Allowance: *Five Thousand Dollars (\$5,000.00)*

Total Not to Exceed Fee with Contingency Allowance:
Seventeen Thousand Seven Hundred Fifty Dollars (\$17,750.00)

Concrete testing includes the structural elements within the addition footprint and site concrete. Soil testing includes areas within the footprint of the new structure and exterior concrete. Remediation of poor soils are excluded. Should poor soils be encountered, services will be quoted once scope and schedules are determined. Other excluded services are trench backfill, work in lawn/landscape areas, floor flatness testing, and all shop inspections.

All inspections/testing will be conducted by the staff of SIS and Kentucky Testing, Inc. Kentucky Testing will perform structural steel inspections under the direction and oversight of SIS. Inspections or testing outside the scope of services provided are excluded. Additional services are available for an additional fee.

Please note effective January 1, 2023, due to changes in the Kentucky Tax code, certain testing services will be taxable. Tax fees have not been included in this proposal due to the tax-exempt status of education institutions. A copy of the appropriate tax-exempt documentation must be provided.

Special Inspection Services, LLC appreciates the opportunity to provide this proposal. Resumes of our staff are attached as are our rates and standard terms and conditions. If you accept this proposal, please execute a copy and return it to our office. Should you have any questions, please contact me at (270) 302-2070.

Sincerely,



Matthew Lile
Lab Manager/Senior Technician

The undersigned hereby accepts this proposal and acknowledges the attached Standard Terms and Conditions:

Accepted this date _____ by (signature) _____

Printed Name: _____

Address: _____

Phone: _____ Email: _____

Please provide contact information for the person to whom invoices should be directed:

Printed Name: _____

Address: _____

Phone: _____ Email: _____



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Thank you for considering Special Inspection Services, LLC for your next project. With a knowledgeable staff and strategically located offices, we are ready to provide the construction inspection and testing services you need. The following summarize our services:

SPECIAL INSPECTIONS

Special Inspections are identified in Chapter 17 of the International Building Code (IBC) and have been adopted by many jurisdictions. The purpose of Special Inspections is to provide a third-party inspector to review certain components of construction. This additional oversight improves communication between the design team and the contractor and enhances public safety by ensuring the structure complies with the design documents. At Special Inspection Services, LLC, we provide the full scope of Special Inspections such as:

- Reinforced Concrete
- Reinforced Masonry
- Structural Steel
- Wood Construction
- Deep Foundation Systems
- Soil
- Precast Concrete
- Cold-Formed Steel Framing
- Spray-Applied Fire-Resistant Material
- Exterior Insulation & Finish Systems (EIFS)
- Mechanical & Electrical Systems
- Architectural Systems

MATERIALS TESTING SERVICES

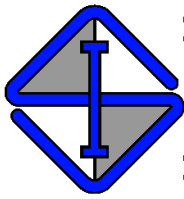
Quality Control (QC) is an important component of any construction project. Often, the burden is placed on the contractor to provide verification the materials installed meet the contract documents. This verification is obtained through quality control testing. Special Inspection Services, LLC can provide the testing needed. Typical examples of QC testing are:

- Compaction Testing
- Concrete Testing
- Asphalt Testing

LABORATORY SERVICES

Nearly every construction element tested in the field, requires either pre or post testing in a construction materials laboratory. These services will either provide the base data by which the field tests will be compared or determine if the installed materials meet the design standards. The Special Inspection Services, LLC laboratory can provide the following services and more:

- Compressive Strength Testing
- Moisture-Density Relationship (Proctor Test)
- Gradation Analysis (Sieve)
- Atterberg Limits (Liquid and Plastic Limits)
- Soil Classification
- Moisture Content



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Kelly B. Gardner, PE

Partner

Responsibilities

As a founding partner, Mr. Gardner provides engineering oversight to the services offered by SIS. Utilizing more than twenty years of diversified structural / civil / geotechnical engineering experience, combined with more than ten years of "in-the-field" special inspection services, Kelly brings practical and effective knowledge to each project.

Education

University of Kentucky, Bachelor of Science - Civil Engineering, 1995

Northern Kentucky University, Associates in Applied Science – Construction Technology, 1995

Professional Registrations

Kentucky	PE #22832	Ohio	PE #73462	Georgia	PE #039730
Tennessee	PE #110714	West Virginia	PE #017642	Alabama	PE #31708-E
Indiana	PE #10808951	North Carolina	PE #035357	Mississippi	PE #20127

Special Training

Trained disaster emergency volunteer responder per ATC 20 and ATC 45

Certified Disaster Service Worker- California Office of Emergency Services: Safety Assessment Program
Kentucky Task Force 1 USAR (Urban Search and Rescue) – Emergency Response Volunteer Structural Engineer

Structural Collapse Response instructor to Kentucky fire fighter districts and building code officials

Professional Membership Affiliations

American Society of Civil Engineers (ASCE) – 2001 ASCE Young Engineer of the Year – Kentucky Section

Structural Engineers Association of Kentucky (SEAOK)- Board Member; Past President; National Delegate

Kentucky Society of Professional Engineers (KSPE)

National Society of Professional Engineers (NSPE)

Code Administrators Association of Kentucky (CAAK)

Concentrations

Structural Analysis and Design

Building Code Compliance Reviews

Seismic Evaluations and Design

Forensic Structural Investigations

Feasibility Evaluations

Special Inspections

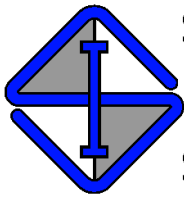
Steel Connection Engineering

Civic Services

Board of Trustees at Church Alive, Owensboro, Kentucky

SEAOK delegate to the National Council of Structural Engineers

SEAOK building code and special inspection committee liaison with KY Dept. of Housing, Buildings and Construction



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Cliff A. West, PE, PLS

Partner

Responsibilities

As a founding partner, Mr. West provides engineering oversight to the services offered by SIS. Utilizing more than twenty years of diversified civil and structural engineering and land surveying experiences, Cliff brings practical and effective knowledge to each project.

Education

University of Kentucky, Bachelor of Science - Civil Engineering, 1994

Professional Registrations

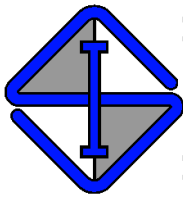
Kentucky PE #21257
Kentucky PLS #3714
West Virginia PE #16614

Professional Membership Affiliations

American Society of Civil Engineers (ASCE)
Kentucky Society of Professional Engineers (KSPE)
National Society of Professional Engineers (NSPE)
Code Administrators Association of Kentucky (CAAK)
Kentucky Concrete Association

Concentrations

Heavy Highway Engineering
Commercial and Residential Engineering
Construction Engineering
Utility Engineering
Boundary Surveys
Topographic Surveys
Oil and Gas Surveys
Special Inspections
QA/QC Testing
Accident Reconstruction



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Matthew T. Lile

Lab Manager/Senior Technician

Responsibilities

As the lab manager/senior technician, Mr. Lile coordinates and supervises the day to day operations of Special Inspection Services, LLC. His duties include coordinating staff schedules, ensuring compliance with project documents, internal quality control, and project reporting. Matthew also has extensive field experience and continues to conduct on-site inspections and testing for a wide range of construction materials including soils, concrete, wood, structural steel, and masonry.

Education

Murray State University, Bachelor of Science - Civil Engineering Technology, Construction Option, 2002

Professional Certifications

American Concrete Institute:

Concrete Field Testing Technician – Grade I
Concrete Laboratory Testing Technician Level I

International Code Council:

Structural Masonry Special Inspector
Reinforced Concrete Special Inspector

Face Construction Technologies:

Floor Profiler Technician

Occupational Safety and Health Administration:

30 Hours General Industry Safety and Health

Troxler Electronic Laboratories:

Radiation Safety Officer

Nuclear Gauge Operator

HAZMAT Certification (49 CFR 172, Subpart H)

Special Training/Certifications

Kentucky Fire Commission:

Certified Firefighter

Fire Service Instructor Level 1

International Fire Service Accreditation Congress

Firefighter I

Firefighter II

HAZMAT Awareness

HAZMAT Operations

Fire Instructor 1

Kentucky Board of Emergency Medical Services

EMT-B

Professional Membership Affiliations

American Concrete Institute (ACI)

International Code Council (ICC)

Concentrations

Special Inspections

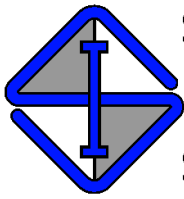
Construction Materials Testing

Laboratory Soils Testing

Laboratory Concrete Testing

Civic Services

Deputy Chief, Training Officer, Treasurer, EMT – Bremen Volunteer Fire Department, Bremen, KY



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Vivian L. Higgs

Lead Field Technician

Responsibilities

As the lead field technician, Ms. Higgs works directly with engineers and contractors performing inspections and construction materials testing. With over 30 years of experience, Vivian has significant knowledge of a wide variety of construction methods and procedures. Her primary duties include on-site inspections and materials testing as well as laboratory services.

Education

Western Kentucky University, Associates Degree – Physical Education, 1982

Professional Certifications

American Concrete Institute:

Concrete Field Testing Technician – Grade I
Concrete Strength Testing Technician

Kentucky Transportation Cabinet:

Quality Assurance KY Grade Levels I and II

UK Kentucky Transportation Center:

KEPSC Inspector

Troxler Electronic Laboratories:

Nuclear Gauge Operator
HAZMAT Certification (49 CFR 172, Subpart H)

Professional Membership Affiliations

International Code Council (ICC)

Concentrations

Special Inspections

Soils Compaction Testing

Proof Rolls

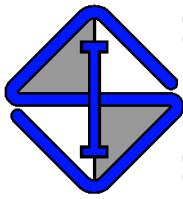
Concrete Sampling/Testing

Standard Proctor

Modified Proctor

Gradation Analysis

Concrete Compressive Strength Testing



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Josh B. Grant

Field Technician

Responsibilities

As a field technician, Mr. Grant works directly with engineers and contractors performing inspections and construction materials testing. Josh has knowledge of a wide variety of construction methods and procedures. His primary duties include on-site inspections and materials testing as well as laboratory services.

Education

Owensboro Community and Technical College, Associate of Science – Criminal Justice, Computer Forensics option

United States Air Force – Electronic Warfare Systems Apprentice

Professional Certifications

American Concrete Institute:

Concrete Field Testing Technician – Grade I

Troxler Electronic Laboratories:

Compaction and Density Testing

Nuclear Gauge Operator

HAZMAT Certification (49 CFR 172, Subpart H)

USDOT Federal Aviation Administration:

Unmanned Aircraft General – Small (UAG)

Professional Membership Affiliations

International Code Council (ICC)

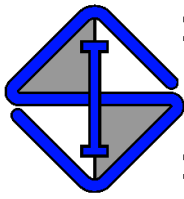
Concentrations

Special Inspections

Construction Materials Testing

Laboratory Soils Testing

Laboratory Concrete Testing



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Michael B. Gardner

Field Technician

Responsibilities

As a field technician, Mr. Gardner works directly with engineers and contractors performing inspections and construction materials testing. Michael has knowledge of a wide variety of construction methods and procedures. His primary duties include on-site inspections and materials testing as well as laboratory services.

Education

Apollo High School - Graduate

Professional Certifications

Troxler Electronic Laboratories:

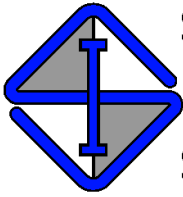
Compaction and Density Testing
Nuclear Gauge Operator
HAZMAT Certification (49 CFR 172, Subpart H)
Nuclear Gauge User Training-3400 Series

Professional Membership Affiliations

International Code Council (ICC)

Concentrations

Special Inspections
Construction Materials Testing
Laboratory Soils Testing
Laboratory Concrete Testing



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Coty Roe

Field Technician

Responsibilities

As a field technician, Mr. Roe conducts on site testing and inspections for a variety of construction projects. In addition, he provides a number of other services including construction management, CAD design services, and surveying. Coty brings a wide base knowledge to each project.

Education

Morehead State University

Bachelor of Science

Construction Management and Civil Engineering Technology, 2012

Professional Certifications

American Concrete Institute:

Concrete Field Testing Technician – Grade I

Professional Membership Affiliations

Code Administrators Association of Kentucky (CAAK)

Concentrations

Construction Management

QA/QC Testing

Special Inspections

Computer Aided Drafting

Surveying

Kentucky Testing, Inc.

100 Muirfield Drive, Princeton, KY 42445
(270) 625-0383

**Radiography- Ultrasonics
AWS Code Inspection
Welder Qualification**

Matthew Lile
Special Inspection Services
Owensboro, KY

Matthew,

10/11/17

Established in 1985, KTI is a small, full service NDT Lab with personnel certified in accordance with the requirements of ASNT SNT-TC-1A, Level II and III, for the Ultrasonic, Penetrant, and Magnetic Particle testing methods. We are qualified and experienced in Welding Inspection in accordance with AWS D1.1 Welding Code. We also test welders and can provide Welder Certification to AWS and ASME requirements, and perform inspection of structural bolting in accordance with RCSC / AISC specifications. Examples of a few of the projects we have recently done, or are currently involved with, include:

Scott Heavy Equipment, Hanson, KY- liquid penetrant and magnetic particle inspection of mil-spec fabricated steel equipment for US DOD. Regular basis, have been providing this service for years.

Shogun, Owensboro- New restaurant building with PEMB frame- required fully pretensioned bolting in accordance with AISC / RCSC specification. Performed all bolt testing and inspections required.

KPEX Phase 2 and 3- major additions at aluminum extrusion plant- Bolt testing; anchor rod pull testing; visual weld inspection (ongoing).

Logan Aluminum, DC4 Expansion- a new aluminum plant near Russellville, KY. Fully pretensioned bolt inspection; visual welding inspection. 2017.

KCTCS Allied Health- new vocational school in Bowling Green, visual welding inspection and ultrasonic testing. 2017.

Western Kentucky University Alumni Meeting Center- Alliance Corporation. A three story complex structural steel framed building with extensive moment frame connections and slip critical bolting.

McCracken County High School- A&K Construction / BFW Engineers. NDT of extensive moment frame connections.

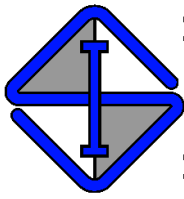
Hopkins County Justice Center- A&K Construction / Associated Engineers. Three story structural steel framed building. CWI.

Southern Kentucky Performing Arts Center- (ACES / Alliance, Bowling Green)-CWI and extensive UT of CJP welds. Completed 2011.

Owensboro High School Addition- (Associated Engineers) CWI and RCSC Bolting inspection of large gymnasium and classroom additions to school.

Kerry Creasey,

KCREASEY



Special Inspection Services LLC

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Personnel Rates:

Principal of Firm/Professional	PR	\$140.00 per hour
Project Engineer	PE	\$115.00 per hour
Project Manager	PM	\$ 82.50 per hour
Special Inspector – Deep Foundation Systems	SI-DFS	\$ 82.50 per hour
Special Inspector – Structural Wood Systems	SI-SWS	\$ 82.50 per hour
Special Inspector – Structural Steel Systems	SI-SSS	\$ 95.00 per hour
Special Inspector – Structural Steel Testing Services (Taxed)	SI-SST	\$ 95.00 per hour
Special Inspector – Senior Field Supervisor (Taxed)	SI-SS	\$ 82.50 per hour
Special Inspector – Soils Testing (Compaction, bearing) (Taxed)	SI-ST	\$ 65.00 per hour
Special Inspector – Concrete (Foundations, Slabs, Walls, etc.) (Taxed)	SI-C	\$ 65.00 per hour
Special Inspector – Reinforcing (Concrete – Visual Only)	SI-R	\$ 65.00 per hour
Special Inspector – Masonry	SI-M	\$ 65.00 per hour
Special Inspector – Masonry with Grout Testing (Taxed)	SI-MG	\$ 65.00 per hour
Special Inspector – Fire Resistive (penetrations and joints) (Taxed)	SI-FRP	\$ 90.00 per hour
Special Inspector – Fire Resistive (coatings) (Taxed)	SI-FRC	\$ 82.50 per hour
Special Inspector – Lab Testing Technician	SI-LT	\$ 55.00 per hour
Special Inspector – Lab Technician Non-Billable (Items billed per test)	SI-LTNB	\$ 0.00 per hour
Special Inspector – Field Testing Technician (Taxed)	SI-FTT	\$ 55.00 per hour
Special Inspector – Field Technician	SI-FT	\$ 55.00 per hour
Clerical	CL	\$ 50.00 per hour

Transportation (Taxed as Applicable):

Mileage	\$ 0.62 per mile
Per Diem, lodging and food	\$145.00 per day

Testing (All Taxed):

Cylinders (including reserves)	\$ 15.00 each
**includes processing, storage, curing, and compressive strength testing	
Mortar Cubes (including reserves)	\$ 15.00 each
**includes processing, storage, curing, and compressive strength testing	
Grout Prisms (including reserves)	\$ 15.00 each
**includes processing, storage, curing, and compressive strength testing	
Concrete Cores (including reserves)	\$ 60.00 each
**includes cutting, sulfur capping, storage, and compressive strength testing	
Masonry Block Prisms (including reserves)	\$ 60.00 each
Standard Proctor (ASTM D698, Procedure A or B)	\$150.00 each
Standard Proctor (ASTM D698, Procedure C)	\$175.00 each
Modified Proctor (ASTM D1557, Procedure A or B)	\$175.00 each
Modified Proctor (ASTM D1157, Procedure C)	\$200.00 each
Constant Head Permeability (ASTM D2434)	\$275.00 each
Atterberg Limits (LL, PL & PI)	
Liquid Limit ASTM D 423-66	\$ 35.00 per test
Plastic Limit ASTM D 424-59	\$ 35.00 per test
Nuclear Density Gauge	\$ 50.00 per day
Skidmore	\$100.00 per day
Torque Wrench	\$ 50.00 per day
Rebar detector	\$250.00 per day
Core Drill with Bit	\$250.00 per day
Specialty Equipment	\$250.00 per day

Standard Terms and Conditions:

1. Standard Rates include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
2. All labor, equipment and transportation charges are billed on a portal to portal basis from our office. A minimum daily charge of 2 hours may be applied for personnel for all trips made for the performance of testing, inspection or consulting services.
3. Overtime rates of 1.5 times the quoted hourly rate will be applicable to any hours worked in excess of 8 hours per day (Monday – Friday) and for services provided on Saturday, Sunday and holidays.
4. Standard rates do not comply with any prevailing wage rates or union scale wages. Typically, professional services are exempt from such rates. In the unlikely event that it is later determined that prevailing wages/union scale rates are required under this agreement, then the hourly rates will be adjusted accordingly.
5. In accordance with Kentucky state law, a sales tax fee of 6% shall be applied to all field and laboratory testing services and related equipment and mileage charges.
6. Direct non-salary expenses shall be billed at cost plus 20% for handling.
7. Our terms are net 15 days from the date of the invoice. We reserve the right to charge interest in the amount of 1.5% for any overdue invoices.