



**SOLID GROUND**  
CONSULTING ENGINEERS, PLLC  
Engineering Innovation; Providing Solutions to Your Challenges.

November 29, 2021

**Hardin County Public Schools**

Mr. John Stith  
65 West A. Jenkins Road  
Elizabethtown, Kentucky 42701

**Subject:      Proposal for Steel Inspections  
                 Central Hardin High School Renovation/Addition  
                 Cecelia, Kentucky  
                 Solid Ground Proposal No.: 21-297**

Solid Ground Consulting Engineers, PLLC (Solid Ground) is pleased to provide you with this proposal for additional Steel Inspections for the Central Hardin High School Renovation and Addition project in Cecelia, Kentucky. This proposal has been prepared after discussion with Brown + Kubican, PSC responsive to the engaged steel fabricator not meeting the certification requirements of the Project Specifications and the Special Inspections RFP. As a result, the building codes require inspections of all shop fabrications from which the project was intended to be exempt.

**Project Information**

The project scope consists of renovations and additions to the existing Central Hardin High School in Cecelia, Kentucky. This proposal scope consists of code and project specification requirements for additional structural steel testing. The RFP provided by Brown + Kubican Structural Engineers, and the construction documents (Specification section 051200, subsection 1.7) specified that the Steel Fabricator would be certified. Based on those requirements, Solid Ground included structural steel inspections in our original proposal to satisfy the above documents.

The accepted bidder is not a certified fabricator and as such the code requires much additional inspections of each piece of fabricated steel work.



### **Scope of Services**

We will perform Special Inspections and materials testing services for this project in accordance with the International Building Code (IBC), with KY Amendments, AISC 360, project plans, and section 014110 of the project specifications.

Based on the above the following services will be performed:

#### **Steel Construction (KBC 1705.2)**

- ▲ Verification per Table N5.4-1 prior to welding
- ▲ Verification per Table N5.4-2 during welding
- ▲ Verification per Table N5.4-3 after welding
- ▲ Verification per Table N5.6-1 prior to bolting
- ▲ Verification per Table N5.6-2 during bolting
- ▲ Verification per Table N5.6-3 after bolting
- ▲ Testing services per project specifications, including 100% inspections of all welds

### **Anticipated Schedule and Deliverables**

Upon the conclusion of our services, we will provide a letter of Special Inspections to the Structural Engineer for the project.






## Compensation

Based on the work scope described previously, we have provided a visit and fee estimate where we propose the following fee for the proposed services:

### **Lump Sum - \$99,000.00 (Additional Cost)**

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Description	Quantity	Unit	Hourly Cost	Total
<b>Fabrication</b>				
Certified Welding Inspector	15.0	Days	\$ 1,400.00	\$ 21,000.00
Master of Special Inspections	15.0	Days	\$ 650.00	\$ 9,750.00
<b>Subtotal</b>				<b>\$ 30,750.00</b>
<b>Installation</b>				
Certified Welding Inspector	45.0	Days	\$ 1,400.00	\$ 63,000.00
Master of Special Inspections	45.0	Days	\$ 650.00	\$ 29,250.00
<b>Subtotal</b>				<b>\$ 92,250.00</b>
<b>Credit from Existing Contract</b>				
Credit	1.0	LS	\$ 25,300.00	\$ 25,300.00
<b>Subtotal</b>				<b>\$ 25,300.00</b>
<b>Staff</b>				
Project Manager (Meetings)	2.0	Visit	\$ 650.00	\$ 1,300.00
<b>Subtotal</b>				<b>\$ 1,300.00</b>
<b>TOTAL ESTIMATED COST</b>				<b>\$99,000.00</b>

## Payment Terms

The client understands that we will be compensated for performing the services in accordance with the scope of work detailed in this proposal. Invoices will be issued monthly. The client agrees to pay all charges not in dispute within 30 days of receipt of the invoice and recognizes that charges not paid within 30 days are subject to a late payment charge of 1.5 percent. The Client shall provide notification within 10 days of receipt of the invoice should the invoice contain charges the Client intends to dispute.





### **Summary**

We appreciate the opportunity to provide our consulting services to you. We look forward to working with you on this project. If you have any questions, we would be glad to address them. If this proposal is acceptable as written, please have the person responsible for payment sign one copy and return it to our office. That will be our indication to begin work. Once again, thank you for considering our firm for this project.

### **SOLID GROUND CONSULTING ENGINEERS, PLLC**

Tim McClure

Vice President





**PROPOSAL ACCEPTANCE**

**PREPARED FOR: Hardin County Public Schools**

**PROJECT: CHHS Steel Inspections**

**LUMP SUM COST: Lump sum - \$99,000.00 (Additional Cost)**

CLIENT: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

PRINTED NAME & TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

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