

REQUEST FOR PROPOSAL

Date: March 19, 2015

General Information

This request for proposal is for Foundation Repair and Repair and Remediation of Masonry Construction at Lakewood Elementary School in Hardin County Kentucky

Contact Information

Client: Mr. Gary Milby, Associate Superintendent / Finance, Hardin County Schools
65 W. A. Jenkins Road; Elizabethtown, KY 42701
Phone: (270) 769-8814

Mr. David Wyatt, Director of Building and Grounds, Hardin County Schools
2490 Leitchfield Road; Elizabethtown, KY 42701
Phone: (270) 769-8883

Structural Engineer: Bill Grigsby PE SE, Sherman Carter Barnhart Architects, PSC
100 Mallard Creek Road, suite 151
Louisville, KY 40207
Phone: (501) 721-6100

Project Address: Lakewood Elementary School; 265 Learning Place Lane; Cecilia, KY 42724

Project Description

Lakewood Elementary School is located just off Highway 62 (Leitchfield Highway) southwest of Elizabethtown, KY. Evidence of significant settlement issues has recently been observed in some walls of the school. Construction details for the school consist of load bearing Concrete Masonry (CMU) walls with some isolated steel columns. The roof structure consists of pre-fabricated, light-gauge metal trusses and metal roof deck. The cafeteria roof structure consists of structural (tube) steel truss and metal roof deck. The gymnasium roof structure consists of open web, long-span, steel bar joists and metal roof deck. There is a Mechanical Mezzanine over a portion of the building. Mezzanine construction consists of 8" thick precast concrete hollow core planks with a 2" concrete topping slab. Exterior walls are clad in brick veneer.

This project will stabilize the foundation and jack the building back to its original position using galvanized steel Helical Piles (or approved equal) and all necessary accessories. The project will also repair and / or remediate all settlement related cracks in CMU walls and brick veneer to the Owner's satisfaction. Where doors have been damaged by settlement, this project will repair and re-hang existing doors or install new doors that are equal to existing.

After the Helical Pile system (HP) is installed and the building is jacked back into position, all sidewalks, floor slabs, etc. that were removed to facilitate HP installation shall be replaced to the Owner's satisfaction.

At the contractor's option, "resistance piers" or "push piles" may be proposed as an alternate to Helical Piles. The contractor shall submit specifications for the resistance piers prior to construction.

Scope of Work

Proposal shall include the following:

Geotechnical Engineering services to perform all analysis and testing necessary to characterize subsurface conditions. This information will be used to design the Helical Pile system.

Design Engineering services to analyze, design, and detail the Helical Pile system. The Design Engineer shall also provide installation drawings and specifications.

Fabrication services to fabricate and galvanize Helical Piles and accessories. Fabricator shall deliver Helical Piles to the site.

Installation services to install the Helical Pile system. This includes all necessary demolition of sidewalks, floor slabs, etc., excavation, backfill and replacement of demolished items. Testing and inspection services to perform any and all load testing and inspections specified by the Helical Pile Design Engineer.

Masonry services to repair / remediate settlement cracks in CMU walls and brick veneer to the satisfaction of the Owner.

Clean-up services to return the area of repairs to a condition acceptable to the Owner.

Attachments

Copies of structural drawings (circa 2001) for West Hardin Elementary School are included for reference only.

Specification SECTION 02477 – HELICAL PILE STABILIZATION OF EXISTING FOUNDATION

Vector Engineers, Inc. Report No. 11-1658 dated June 16, 2011. This report is included for reference only. The Contractor is responsible for obtaining the services of a Geotechnical Engineer to provide all criteria necessary for the design of the Helical Pile system.

Qualifications

Any Contractor or Subcontractor wishing to submit a bid for this project must visit the site and assess the scope of work prior to bidding.

The Prime Contractor on this project shall be the Helical Pile Contractor. The Mason shall be a subcontractor of the Helical Pile Contractor.

The Helical Pile Contractor and the Helical Pile Design Engineer shall be qualified per attached specification section 02477.

The Masonry Subcontractor responsible for the repair and remediation of settlement cracks in CMU walls and brick veneer shall have a minimum of five (5) years of documented experience on a minimum of twenty-five (25) projects similar to this project in nature and magnitude.

The Contractor will be required to carry liability insurance in the following minimum amounts:

Projects \$1,000,000, or less	\$500,000 per claim and
	\$1,000,000 aggregate per annum

Projects exceeding \$1,000,000	\$1,000,000 per claim and \$2,000,000 aggregate per annum.
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A Certificate of Liability Insurance shall be provided to the Owner. The certificate should name Hardin County Schools as the "Certificate Holder".

The Design Engineer responsible for the Helical Pile system will be required to carry professional liability insurance in the following minimum amounts:

Projects \$1,000,000, or less	\$500,000 per claim and \$1,000,000 aggregate per annum
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Projects exceeding \$1,000,000	\$1,000,000 per claim and \$2,000,000 aggregate per annum.
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A Certificate of Insurance for Errors and Omissions shall be included with the shop drawing submittal. The certificate should name Hardin County Schools as the "Certificate Holder".

PRE-PROPOSAL MEETING

A pre-proposal meeting will be held at the school at 11:00 am on March 30, 2015. This time and date are subject to change. In the event of a change, recipients of this RFP will be notified of the new time and date as soon as possible.

BID FORM

Proposals will be evaluated based on a Lump Sum Bid for all services outlined herein. This fee shall include the cost of engineering, detailing, materials, fabrication, installation, inspections, quality assurance and quality control and all work defined in the scope of work above. Special project conditions requiring work beyond scope defined above shall be clearly identified by the Contractor and included in proposal.

Provide unit prices for all aspects of work performed under this project.

Proposals shall be submitted to Mr. Gary Milby, Hardin County Schools by 5:00 p.m. fourteen (14) days after the pre-proposal meeting. Copies of proposals should be sent to Mr. David Wyatt and Bill Grigsby. The selected firm will be notified within two weeks after the due date.

LUMP SUM PRICE: \$ _____

Please provide signatures and dates below to approve and accept this proposal.

Contractor: _____ Date: _____

Proposal Accepted By: _____ Date: _____