

PROPOSAL for PROFESSIONAL ENGINEERING SERVICES

General Information

Client: Edison State Community College
1973 Edison Drive
Piqua, Ohio 45356

Contact: Harold Hitchcock

Project: West Hall HVAC Repair & Replace
Project No. ESC 230003

Project Location: Piqua, Ohio

Date: 04/05/23

Revision No.: 0 Revision Date:

Project Scope

Project scope is the replacement of one heating hot water boiler, the roof mounted cooling tower, and a complete overhaul of the Trane centrifugal chiller.

Boiler Replacement

- Remove the existing Weil McLain cast iron section boiler.
- Provide new high efficiency condensing boiler, Camus Dyna Force as basis of design.
- Provide new boiler flue outside wall of mech room.
- Provide sealed combustion intake pipe from existing roof opening.
- Provide sealed combustion intake pipe to the existing condensing boiler.
- Provide new dedicated boiler loop pump.
- Integrate controls into existing DDC system.

Cooling Tower Replacement

- Remove existing cooling tower and piping connections on roof.
- Provide new cooling tower.
- Provide new structural steel supports as needed.
- Provide new cooling tower fan variable speed drive.

Chiller Overhaul

In coordination with the Trane Company provide a list of overhaul items to be completed on the existing chiller.

DESIGN SERVICES

Professional engineering design services will include review of the existing building drawings and on-site investigation of existing conditions. Our services include meeting with owner personnel, and or representatives to solicit comments and communicate design progress. Design work will be done as expeditiously as possible, consistent with professional skill and care. Expectations are that decisions affecting the project design will be made in a timely, judicious manner in order to avoid unreasonable delay or rework of design. Fees are based on an orderly and sequential progress of the design services.

Design work includes preparation of design development and construction documents. A preliminary opinion of construction cost and budget will be provided with each of these submissions.

Design review meetings will be scheduled and attended at the 50%, 75%, 90% and 100% level.

Construction documents will include technical drawings and specifications for competitive bidding.

Permit documents will also be prepared, professionally sealed and submitted for plan review by the Authority having jurisdiction. Any plan review comments will be addressed to obtain approved drawings.

BIDDING SERVICES

Bidding services included in the fee:

- Coordinating solicitation, ad dates, and pre-bid dates with Owner.
- Legal Advertisement of Invitation to Bid, Dayton Daily News
- Distribution of Construction Documents to interested Bidders.
- Organizing and facilitate a pre-bid meeting on the site to familiarize bidders with the project.
- Prepare addenda as required to contractors' questions in preparing their bids.
- Assist in the bid opening process.
- Assist the owner in reviewing contractor bids and make recommendations for contract award.

CONSTRUCTION ADMINISTRATION

After award NZ will provide the following Construction Administration services

- Verify contractor has applied for all necessary permits.
- Review and approve shop drawings.
- Inspect the work to ensure work is progressing on schedule and in compliance with the contract documents.
- Provide clarification and technical direction to contractors' questions.
- Attend project meetings and prepare project updates, reports, meeting minutes, bulletin logs and change orders.
- Visit the construction sites on a regular basis and provide both the contractor and Owner a written field report.
- Verify Contractor pay requests.
- Verify contractor is submitting certified payroll reports.
- Provide final inspection and prepare punch list.
- Provide inspection to ensure all punch list items are completed.
- Ensure all inspections are performed and all inspection sign offs are submitted to Owner for inclusion in the project file.

RECORD DRAWINGS

Record drawings shall be maintained by the installing contractors by noting changes to the drawings in the field; at the end of the project, NZ will incorporate these notes in a final record set of documents, delivered to Owner.

WARRANTY DISCLAIMER

In providing these services, NZ will endeavor to perform in a manner consistent with the degree of care and skill ordinarily exercised by engineering design professionals providing like services. Regardless of any other term or condition of this Agreement, NZ make no express or implied warranty.

COMMISSIONING SERVICES

Not Included

Nauman & Zelinski LLC

204 S Ludlow Street, Suite 400 Dayton, Ohio 45402
P: 937.223-3821

FEES

NZ will provide the above Design, Bidding, Construction Administration, and Record drawings for:

Fees for Design and Construction Admin: \$45,000.00

BILLINGS/PAYMENTS

Invoices will be provided on a monthly basis based on an agreed schedule or in general concurrence with the effort provided.

Please review this proposal and call if you have questions.

Yours truly,

Jeffrey D Zelinski