

Request for Qualifications

For the Restoration of the Tower Clock located at the
First Presbyterian Church
508 Mifflin Street (Tax Parcel 18-01-30)
Corner of 5th and Mifflin Streets
Huntingdon, PA 16652

The Huntingdon County Commissioners on behalf of the Huntingdon Borough Council (hereafter the “Grantee”), is seeking qualified firms or individual consultants who are competent in providing architectural and engineering services familiar with Seth Thomas Tower Clocks, to facilitate the restoration and electrification of a period mechanism in the same manner as constructed by the Company in 1910. It is the desire of the Grantee and its partners to have a fully working Town Tower Clock as installed in 1910. Samples and references of similar or equal restorations are required with the submitted proposal. The owners of the clock and church are the Huntingdon Borough Council and the First Presbyterian Church.

This project is funded in part with Community Development Block Grant (CDBG) funds from the U.S. Department of Housing and Development administered through the Pennsylvania Department of Community and Economic Development (PA-DCED) and all federal, state and local regulations apply to this project. A site visit can be arranged. Please see attached reference material and photography for the proposed project. The bidding contractor will be bidding on a project that will require the application of Davis Bacon Prevailing wages. Davis Bacon wages must be factored with price proposals. All prime contractors and their sub-contractors will be responsible for Davis-Bacon requirements. There will be no exceptions. The restoration can use original parts of serviceable quality or remanufactured as needed. The offer will submit examples of similar restoration.

(Please note your proposals should not include pricing. After the award of this RFQ, separate contracts will be negotiated and entered into between the successful firm and the Grantee. After this, the project will be competitively bid.)

Scope of Work

This scope of work shall proceed in eight (8) separate parts. The individual firm or consultant shall consider all parts described when developing the schedule of work.

This project is divided into eight (8) parts:

1. Restoration/rehabilitation of a 1910 Seth Thomas Number 16 Clock.
2. Restoration of four face dials and clock hands.
3. Repair and stabilization of bell and strike mechanism floor in church clock tower.
4. Installation of wireless web monitoring camera.
5. Installation of lighting for clock face at night.
6. Preservation architectural services to stabilize the clock tower and clock installation.
7. Responsibilities of owners – Huntingdon Borough and Huntingdon Presbyterian

Church.

8. Preparation of bidding documentation including but not limited to bid notice preparation, bid specifications, conducting pre-bid and pre-construction meetings, preparation of meeting minutes and processing payment applications to the Grantee for approval and processing.

The Contractor shall guarantee their work for 3 years from the completion date of each part against faulty workmanship and faulty materials. Upon completion of project all manuals and documentation will be transferred to the owner.

Part One

This portion is for the repair restoration and replacement of the clockworks. Currently a Seth Thomas Time and Strike movement is on site, which has been modified for the time and the strike system to operate using electric motors rather than the original mechanical weight system (see attached photographs of clock and interior of clock tower.) The contractor is responsible for all lift equipment, safety harnesses, ladders and any other equipment required to accomplish the stated work.

This portion is for the repair of the Seth Thomas Number 16 Time and Strike tower clock movement (see 1910 factory drawings). As typical of most Tower Clocks working during the late 40's and 50's the movement was electrified. When the clock was electrified the practice was to remove and discard early mechanical parts as part of the upgrade. The original movement had the option to be an auto wind, as offered by Seth Thomas as an option in 1910. The Auto Wind made use of period electric motors to reset weights at a designated time to keep the movement working without having human interaction to rewind the clock every eight days. Presently we will want to restore this movement to its full operating capabilities as designed by Seth Thomas for auto rewind.

The rebuild and restoration is to be in keeping with the original mechanical design, so that the owners will be able to use the movement as part of a piece of local history that can be viewed by the public with a video and streaming capability. See attached period drawings of a Seth Thomas Number 6 movement, and photographs showing current condition of the clock mechanism.

To present the movement as a showpiece of local history, the movement should be fully dismantled, current paint be removed and repainted to the appropriate color scheme. Any and all pivot, pinion and wheel working including bushing fabrication should be restored to original as much as possible to insure longevity.

Electric motors should be of the type to allow for the clock to be functional and allow for the original automatic rewind. The electric motors need be replaced with suitable motors listed as continuous duty for the time train and heavy duty to operate the strike train. Motor mounts should be secure and fully braced. Linkage to the hammer should be strong and adjustable to insure hammer movement is smooth and reliable. Pulleys should be rebuilt.

Distribution gears and all universal joints should be fully restored. Motion works should be

fully restored. Hands should be replaced with like style, material and color to be mutually agreed to by the contractor and owner. Complete hands are to be fully poised.

The current clock condition is shown in the attached appendix. It is the intent of this project to have a rebuild, rehabilitation, and reconstruction of the clock as it appeared in the 1911 Seth Thomas catalogue.

Part Two

This portion is for the restoration of the dials. Current dial glass is cracked and broken in several locations and water is leaking to the inside of the Tower. Dial frames are rusted and seams are leaking water into the inside of the Tower.

Contractor should remove all glass from each section within the Tower and be cautious as to prevent broken glass falling to the ground and spreading to the street and outside of the cordoned area.

Contractor should disassemble and remove all frames being cautious of the grout breaking loose and falling, damaging roof tiles or dropping to the street and spreading.

All hands and motion works shall be removed, hands may be rotted and can fall to the ground in pieces and could spread. Hands should be replaced with like style; material and color to be mutually agreed to by the contractor and owner. Completed hands are to be fully poised.

Contractor should blast and clean frames thoroughly, prep, prime and paint with a suitable durable UV resistant material, assemble and install using new hardware. Upon completion, each dial assembly seams to building shall be filled with grout to insure seal. Paint color and scheme to be mutually agreed to by the contractor and owner.

Replacement glass or suitable UV resistant material should be cut to fit dial sections, sealed with caulking and secured with glazing clips with new hardware, type and color to be mutually agreed to by the contractor and owner.

Part Three

This portion is for the repair of the bell floor, bell cribbing, tolling wheel and hammer assembly.

Contractor shall raise the bell and crib and replace sagging joists insuring floor can safely support cribbing and bell and allow the bell and wheel to have sufficient clearance to toll.

Contractor shall replace floor material and insure proper storm drainage will pass properly and not leak to lower ceiling or floor.

Contractor shall repair or replace tolling wheel and insure its full action. Contractor shall rebuild hammer assembly insuring base is secure and stable and that hammer can be adjusted to its stop and not rest on the bell.

Part Four

This portion is for the installation of monitoring cameras to allow the public a virtual view of the working movement of the 1910 Seth Thomas clock. The installation of the monitoring equipment will provide a living documentation of the movement, and a safe view of the movement that is housed in the church tower.

The monitoring cameras will provide four views. The views are two of the clock works, one showing the bell strike mechanism, one providing a view of the streetscape from the tower. The viewing monitor will be in the church lobby. And access through the Borough's web site.

For the monitoring equipment, four Am crest Prod 1080P Wi-Fi Cameras or equivalent. The viewing monitor is a Atoms Sumo 19"/High Brightness Monitor with recorder or equivalent.

Part Five

Dial Lighting is the final portion of this statement of work. Contractor should provide recommendations for type of fixtures and their specific placement. With the current environment it would seem appropriate that an LED format would be the best solution for economy and longevity .

Part Six

A site architect with specialization in historic churches and historic preservation is required to assure that local construction codes are met.

Part Seven

Owner's responsibilities

1. Owner is responsible to provide 120V AC 20AMP dedicated power to later known positions.
2. Owner may be required to have city electric removed from street while lift equipment is in use to prevent electrical hazards.
3. Owner is to notify police or emergency services of hazards in the areas of work.
4. Owner is responsible for cordoning areas of work using hazard tape and traffic cones.

Part Eight

Preparation of bidding documentation including but not limited to bid notice preparation, bid specifications, conducting pre-bid and pre-construction meetings, preparation of meeting minutes and processing payment applications.

Attachments with this RFQ: illustrations and photography:

Submission Procedures

All request for qualifications (RFQ) should clearly address each of the eight parts of this RFQ. Each evaluation will be evaluated using objective criteria and points will be assigned for each.

Statements of qualifications submitted in response to this RFQ are to be submitted to the Huntingdon County Planning and Development Department (HCPDD), electronically or hard-copy by **Friday, May 20, 2022 prior to 4:00PM**. Submissions may be emailed to jlettiere@huntingdoncounty.net or mailed to:

ATTN: James P. Lettiere, AICP Planning Director
Huntingdon County Planning and Development Department
Annex 1 Building
205 Penn Street
Huntingdon, PA 16652

Depending on the quantity of submissions, the HCPDD, Huntingdon Borough staff and representatives from Huntingdon Landmarks and the First Presbyterian Church will review the qualifications and proposals and respond within approximately two (2) weeks. The consultation meetings (if any) will be held promptly, as will any negotiations over fees and scope of work, final negotiations, and execution of an agreement/contract. **A site visit prior to submission of qualifications can be arranged by calling George Drobncok with Huntingdon Borough, at (814) 542-9350 or Rick Bair, with the church at (814) 251-3379.**

The following sequential items must occur for this project’s commencement and completion:

- _____ Deadline for submission of qualifications/proposals
- _____ HCPDD reviews submissions
- _____ Award of contract for architectural/engineering services
- _____ Project put out to bid
- _____ Bid Opening
- _____ Award of Bid
- _____ Notice to Proceed
- _____ Project Completion Deadline