

PHIPPS CONSERVATORY AND BOTANICAL GARDEN
ONE SCHENLEY PARK DRIVE, PITTSBURGH, PENNSYLVANIA

Invitation to Bid – Old Conservatory East Wing (Broderie & East Rooms) Roof Restoration and Replacement

Phipps Conservatory is accepting bids for the restoration and replacement of the roof glazing system in the **Old Conservatory East Wing's Broderie and East Rooms**.

The scope of work will be bid, awarded and contracted on a Design-Build basis following the general framework of AIA Document A141-2014 Standard Form of Agreement Between Owner and Design-Builder. The Design-Builder will evaluate the Owners criteria provided for the project and provide a proposed contract/bid price to design and construct the project. Following Owners bid review, award and consent to proceed, the selected Design-Builder will complete a preliminary design and provide a proposal to Owner regarding the contract sum. Upon mutual agreement, Owner and Design-Builder will execute a Design-Build Amendment to establish the contract sum. Project milestone dates are expected to follow the below schedule:

Invitation to bid issued:	November 19, 2021
Bid proposals due:	December 6, 2021
Bid review:	December 6, 2021 – December 10, 2021
Bid Awarded:	December 13, 2021
Preliminary Design Completion:	February 1, 2022
Design-Build Proposal:	February 15, 2022
Design-Build Amendment:	March 1, 2022
Building Permit Application:	March 15, 2022
Begin Construction:	May 1, 2022
Substantial Completion:	October 1, 2022

Those wanting to submit a bid proposal are encouraged to visit the site and inspect the areas that are involved in this project to evaluate existing conditions. Contact information for architectural/design firms with glasshouse structure experience can be provided upon request. The project will require contractor labor is paid at local prevailing wage and proposed contract price should reflect this.

The Design-Builder is required to follow LEED Green Building principles including solid waste management, indoor air quality best management practices, and will be responsible for a secure job site during the renovation.

Scope of Work:

The project is the “Old Conservatory East Wing Broderie and East Rooms”, 2 of thirteen glasshouse exhibition halls at Phipps Conservatory’s historical structures. The project involves removal of the existing plastic/aluminum rafters and acrylic/plexiglass roof glazing, re-glazing of the roof structure, cleaning and painting of the interior structural steel framework and exterior gutters and sills including minor repairs to the gutter system. The new glazing system will consist of new replicated aluminum glazing rafters with new lapped glass glazing. The glazing material will be clear laminated safety glass of a minimum allowable thickness installed with 3/8” laps using stamped or extruded aluminum bar caps. Replacement of all side and roof vent motors including minor repairs of vent shafts and rack and pinions. Provide and install new replicated aluminum ridge/roof window vents to match historic standard profile. All sheet metal trim, flashings, condensation drip leaders and all miscellaneous metal components will be replaced with aluminum or stainless steel material to match the originals as closely as possible. Work will follow the same construction standards and specifications as those developed for prior glasshouse restoration projects completed at Phipps Conservatory. A copy of these standards and specifications have been included in the bid documents for reference.

Project Location: One Schenley Park Drive, Pittsburgh, PA 15213

Owner: City of Pittsburgh

Owner Contact: Brad Clauss, Senior Facilities Project Manager, Phipps Conservatory
See attached Figure1 for project area

Alternate No. (1) Provide and install metallic (aluminum, copper, stainless steel) critter/bird screening for roof/ridge and sidewall openings (Broderie Room, East Room).

Alternate No. (2) Provide and install replicated aluminum sidewall window vents to match historic standard profile (Broderie Room, East Room).

Alternate No. (3) Restoration of Victoria Room Vestibule Roof including wood facing and gutters.

Alternate No. (4) Provide and install replicated iron gutters to match historic standard profile (Broderie Room, East Room).

Alternate No (5) Provide and install replicated iron sill to match historic standard profile (Broderie Room, East Room).

Requests for electronic copies of the bid package, inquiries regarding bid package materials, and scheduling of site visits can all be coordinated through the following client contact:

Brad Clauss
Senior Facilities Project Manager
(412) 622-6915 ext. 6631
bclauss@phipps.conservatory.org

Bid proposals are due on or before 5:00 PM, Monday, December 6, 2021

To: Brad Clauss, Senior Facilities Project Manager at Phipps Conservatory.

Bid proposals must include all design, material and labor required for a complete project – material only proposals will not be accepted. Any proposed changes to the bid scope criteria are to be submitted at least one week before the bid due date for review and response.

Figure 1 – Project Area

