

Loblolly Woods Park Boardwalk Reconstruction Bid Manual

Prepared by the City of Gainesville
Wild Spaces & Public Places

BID MANUAL - SCOPE OF WORK

The Bidder shall utilize the information within this section of the Bid Manual to assist in development of their Bid Proposal.

Furnish all labor, equipment, material, subcontracts, and supervision required to complete the Scope of Work generally described as **Loblolly Woods Park Boardwalk Reconstruction**. All work shall be in accordance with the Bid Documents. The Scope of Work shall be complete as described herein for the City of Gainesville Loblolly Woods Park Boardwalk Reconstruction.

1.0 WORK OVERVIEW

1. Bidder shall provide all labor, material, equipment, and supervision required to perform the reconstruction of the entire length of the boardwalk, approximately 1,400 linear feet.
2. Reconstruction includes removing and replacing *all* of the **decking, sideboards, top handrail and 2"x 6" joists**.
 - a. This project also includes replacement of 6 posts and their concrete footings at the main water crossing. The new concrete footings shall utilize 24" Sonotubes® buried at a minimum of 3' into the ground. The Bidder shall use 3,000 PSI concrete and the concrete shall have a minimum of a 12" reveal, sloping to the edges, to prevent water from ponding at the Simpson plate.
 - b. This project also includes replacement of 4 beams that were inadvertently cut (it appears by a chainsaw) near the NW 8th Ave. intersection *and* replacement of all of the bridge span members at the main water crossing. The bridge span includes (8) 2"x10"x16' beams, and (10) 2"x10"x12' beams. The fasteners are still in good condition and can be re-used. Design shall match existing structure.
 - c. This project also includes replacement of *up to* 5 additional posts and their concrete footings (specific posts to be determined during construction). Post and footing replacement above and beyond this number will result in a change order. The new concrete footings shall utilize 24" Sonotubes® buried at a minimum of 3' into the ground. The Bidder shall use 3,000 PSI concrete and the concrete shall have a minimum of a 12" reveal, sloping to the edges, to prevent water from ponding at the Simpson plate.
3. Please reference Exhibit A attached where you will find the original construction drawings and the indicated site accesses.

4. Please also reference Figures A, B and C below while reviewing this scope of work.



Figure A.



Figure B.

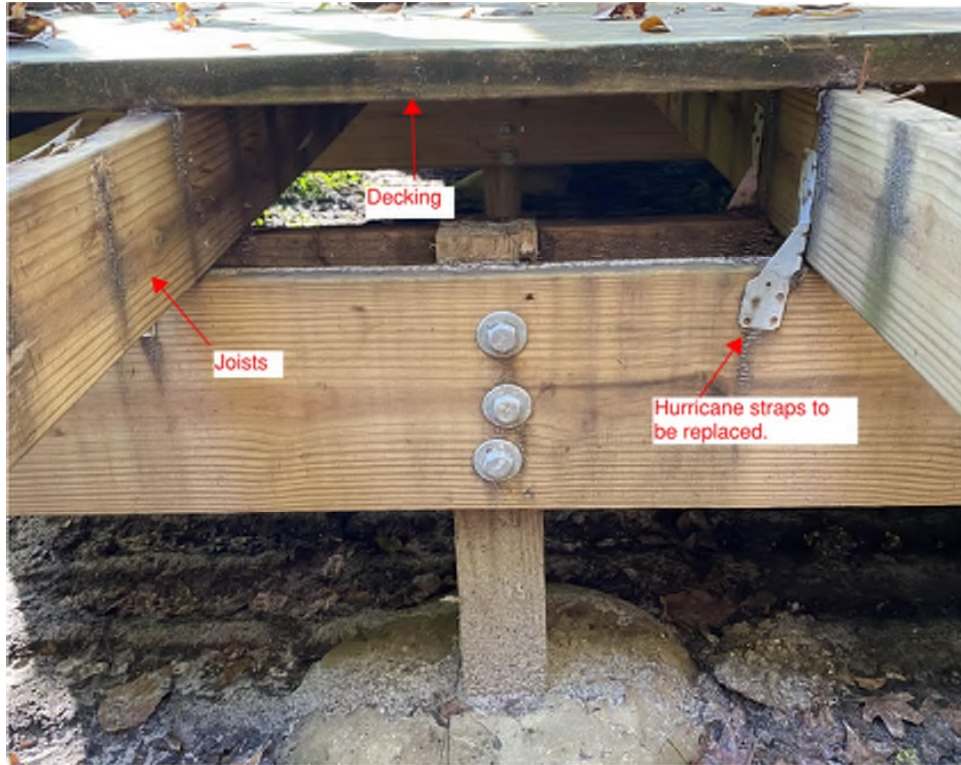


Figure C.

5. All decking, and top handrail shall be replaced with 2"x6" WearDeck™ (composite, HDPE reinforced with fiberglass in Weatherwood color). Decking boards shall end flush with the inside edge of structural posts and installed with the woodgrain side up. Fastener on the outer edge of new decking shall not be installed directly under the lower side rail to aid in replacement of damaged boards in the future.
6. All new sideboards (top and bottom) and approximately 190' of 2"x 4" boards (mainly where the metal handrail is attached) shall be ground contact, dense select structural .31CA-C treated Southern Yellow Pine.
7. All new joist, beam and post lumber shall be ground contact, dense select structural .60 CCA-C or .31CA-C treated Southern Yellow Pine.
8. The Bidder shall review the condition of the existing beams and posts with the City's Project Manager (or designee) to determine if replacement is necessary. This task may occur daily or on an as-needed basis.
9. Fasteners:
 - a. For pressure treated lumber the Bidder shall utilize Grip-Rite/Prime Guard Exterior Screws, 3"x#9 T-25 (or equal) in Tan or Green to match treated wood color. Color to be reviewed/approved by the City's Project Manager prior to the start of construction.

- b. For composite deck boards the bidder shall use Stainless Steel Composite Deck Screws countersunk so the head is flush with the surface of the board. The bidder shall use one of the brands recommended by the WearDeck™ Manufacturer: Starborn, Simpson Strong-Tie, Deckmate, TrapEase by Fasten Master, Tiger Claw, etc. Per WearDeck™, when face fastening a 2" board, use at a minimum, a #10 x 2 ¾.

See the WearDeck™ Product Information and Installation Guide for additional detail:

https://40804d5a-0b95-458f-9e0d-287f0b9f4d1d.filesusr.com/ugd/1269d6_dc38e763e20f42e6a742e0559a11c741.pdf

- c. Nails (with the exception of the wire fence nails) will not be permitted.
10. Hurricane straps/clips shall be replaced on those components being removed. Hurricane clips shall be Simpson Strong Tie H2.5AZ (or equal) and fastened with screws or nails as per product specifications and current Florida building codes. One hurricane clip shall be installed at every intersection between joists and beams.
 11. Existing carriage bolts and through bolts may be reused if they are deemed to be in acceptable condition (not rusted or otherwise deteriorated) by the City's Project Manager or designee.
 12. Existing black coated wire may be reused if it can be salvaged without damage. If the Bidder prefers to replace the black coated wire they must use 12.5 gauge HDG 2"X 4" welded wire core, primed, then coated wire.
 13. The existing metal handrail at the ramps shall be cleaned and reused.
 14. PPG ProLuxe Cetol SRD Wood Finish (Transparent Matte, SIK240) (or equal) shall be applied to all of the lumber that is to remain, including but not limited to the posts and beams. Surface preparation shall *only* include pressure washing. Application shall be per the manufacturer's guidelines.
 15. Outlast Q8 Log Oil (Clear) (or equal) shall be applied to the end cuts of the new pressure treated lumber, including but not limited to the new posts, joists, beams, and sideboards. Surface preparation and application shall be per the manufacturer's guidelines.
 16. City Nature Operations Staff will trim tree limbs and vegetation directly above the boardwalk prior to the start of the boardwalk reconstruction.
 17. The 3/4" PVC line running along the boardwalk shall remain. Any damage to the piping shall be repaired immediately.
 18. Any damage to the road, trail, gates, etc. shall be repaired promptly by the Bidder. All expenses in restoring the area to the original condition will be the responsibility of the Bidder.
 19. Any and all safety measures required for the completion of this project shall be the responsibility of the Bidder. This includes, but is not limited to, maintenance of traffic (MOT), signage, barricades, temporary fencing, etc.
 - a. If the Bidder chooses to use NW 8th Avenue or NW 16th Avenue for site access and if

travel is going to be disturbed for any period of time, then MOT will be required, including lane closure next to the sidewalk and adequate signage at both access points prior to the beginning of construction. The bidder must submit and pay for associated permits.

- b. The Bidder may utilize NW 12th Avenue (approx. address 2698 NW 12th Ave.) to access the boardwalk. Please note that this access point is through a residential neighborhood. If the Bidder chooses this means of site access extra care must be taken to limit disturbance to the community. Please note that the Bidder must not restrict Gainesville Regional Utilities (GRU) from accessing their sewer line throughout the duration of the project to allow them to perform any required maintenance operations. See the attached GRU cut sheet, Exhibit B, for more information.
20. Cleanup of all debris is included in this scope of work. The Bidder is responsible for daily cleanup.
 21. The scope of work includes removal and disposal of all removed materials.
 22. Extra care shall be taken to protect the remaining boardwalk components that are not to be replaced. Should the Bidder damage any items stated to remain, the Bidder shall repair and/or replace the component at no additional cost.

2.0 GENERAL INSTALLATION ITEMS AND NOTES

1. Upon award of the bid, a site utilization plan shall be provided by the Bidder for Project Manager approval.
2. Dumpster locations must be approved by the Project Manager during the Site Utilization submittal.
3. The Loblolly Woods Park Boardwalk shall be closed to the public for the duration of the Project.
4. All signage shall be in accordance with the state and local laws regarding an active construction site.
5. A small laydown/staging area shall be provided. The Bidder is responsible for any means of locking up all material, tools, etc. The City is not responsible for any missing material.
6. The working area shall not exceed two foot from edge of boardwalk on either side. If any trees are harmed during construction, the Bidder shall notify the Project Manager immediately. The Project Manager shall advise on the corrective action. Corrective action shall be performed at no cost to the City.
7. The Bidder must maintain the project site in an orderly and profession manner at all times. The work area must be free of unnecessary accumulation of rubbish, tools, equipment, etc.
8. The Bidder shall report any cultural artifact findings to the Project Manager immediately.
9. The Bidder shall not harm or harass any wildlife within the park area.
10. Heavy equipment shall not be permitted within the boardwalk corridor.
11. Bidder shall take field measurements prior to fabrication or prior to any demolition work.

12. Protection of adjacent work, structures, trees, storm structures, and concrete slabs is the responsibility of the Bidder.
13. The Bidder must supply their own power (generators, etc.). Electricity is not available near the project area.

3.0 CLARIFICATIONS

1. The Bidder shall exercise extreme caution during demolition and shall be responsible for any damage to utilities or structures during execution of this demolition work.
2. The Bidder shall provide all temporary facilities required for its employees, including portable toilets and handwashing stations.
3. The Bidder shall provide all dumpsters for all work to be performed.

4.0 GENERAL REQUIREMENTS

1. The Bidder shall provide a dedicated Site Superintendent for the project. This Site Superintendent shall remain actively involved in the project for the entire duration of the project. The Site Superintendent will be required to attend all requested progress, safety, scheduling, coordination, and quality control meetings.
2. The Bidder shall develop and implement a stormwater pollution prevention plan (SWPPP) for all work performed under this Scope of Work. This SWPPP shall address preventing sediment from leaving the Bidder's work zones, protection of all water conveyance systems, tree protection, and the cleaning of trucks exiting the work zones. The Bidder shall inspect all installed protection measures at least weekly and after any 24-hour period which accumulates 0.5 inches of rain or more. An inspection report shall be submitted to the City's Project Manager within 24 hours of each inspection. Bidder shall coordinate with the City's Public Works Department.
3. No escalation is permitted, pricing shall remain firm through project duration.
4. OSHA and the Construction Manager safety standards shall be followed at all times.
5. Proper PPE shall be worn by any personnel on the jobsite at all times.
6. Scope of Work shall follow all Federal, State and Local Codes.
7. Bidder is responsible for locating existing utilities prior to beginning any work on the jobsite.
8. The Bidder may not utilize any area of the project site for storage without approval from the City's Project Manager. If the Bidder plans to utilize storage space, the Bidder shall submit, to the Construction Manager, a site plan detailing the areas being requested for storage.
9. An emergency contact list shall be provided by the Bidder. This list shall include at least one point of contact that is available 24 hours a day.

5.0 PROJECT SCHEDULE

1. The Bidder shall provide a detailed schedule for the Scope of Work being performed. The Bidder shall coordinate with the City's Project Manager to ensure the detailed schedule conforms to the overall Project Schedule. The Bidder shall update this Scope of Work

Schedule every two weeks and provide a written update to the City’s Project Manager.

2. Regular Working Hours shall be Monday through Friday from 7:00AM to 5:00PM. The Bidder can request to work outside of the designated work hours by submitting a request to the City’s Project Manager, per Article 7.02 of the Standard General Conditions of the Construction Contract. The Bidder must abide by the City’s noise ordinance.

6.0 SUBMITTAL REQUIREMENTS

1. Upon execution of the Agreement the Bidder shall provide a list of anticipated submittals for the Scope of Work. The Bidder shall provide any additional submittal documentation requested for any materials or services related to the Scope of Work.
2. All submittals shall be provided with a cover page listing the following information:
 - a. Project name
 - b. Submittal title
 - c. Bidder’s contact information
 - d. Manufacturer’s contact information
3. It is the Bidder’s sole responsibility to ensure submittals are complete and accurate regarding the complete scope of this agreement. Coordination of submittal information from others working under the Bidder is the sole responsibility of the Bidder. Bidder shall not provide submittals with any items marked out of scope or by others if such items are part of the scope of this agreement.
4. Revised submittals shall include a comment response document. This document shall respond to each comment in writing and reference the location of all corrections within the revised submittal. Revised submittals shall be at no additional cost to the Purchaser.
5. The Bidder shall review all submittals for materials furnished by others and installed under this Scope of Work.

7.0 INSURANCE, BONDING, PERMITTING AND OWNER DIRECT PURCHASES

1. Bidder shall provide the minimum insurance limits required per Article 6 of the Standard General Conditions of the Construction Contract.
2. A Public Construction Bond is required on projects in excess of \$200,000. The Bidder must include this cost in their bid price. The Bidder shall record its bonds in the Public Records of Alachua County, Florida. See Article 6 of the Standard General Conditions of the Construction Contract for more information.
3. A bid bond is not required on this project.
4. A Building Permit from the City’s Department of Sustainable Development will be applied for (and paid for) by the City of Gainesville in advance of the start of construction. This permit will be transferred to the bidder after execution of the contract. The bidder must be licensed by the State of Florida as a construction contractor and have an active Building or General Contractor’s License. The Bidder must registered with the City of Gainesville Department of Sustainable Development and have up-to-date insurance on file.
5. The Bidder will be responsible for calling in all necessary inspections throughout the project.

6. The City will execute an owner direct purchase for the composite WearDeck™ material. The Bidder *shall* include the price of the WearDeck™ material in their bid, but the Bidder *shall not* include tax for this purchase. After execution of the agreement (with the low responsive, responsible bidder), the City will execute a deductive change order with the Bidder for the WearDeck™ material cost. The WearDeck™ material is the only owner direct purchase that is anticipated on this project.