



**DATE: January 26, 2021**

**TO: All Offerors'**

**FROM: City of Brookhaven Purchasing Department**

**RE: ITB No. 21-102, Murphey Candler Park Nature Trail**

Please see Addendum No. 1 for the above-referenced solicitation.



1. The following change has been made to the above-referenced solicitation.

**Delete: Page 1**

**Add: REVISED (Extended Due Date) Page 1 2/2/2021**

**Questions and Answers**

2. All other terms and conditions remain the same.

**ADDENDUM NO. 1**  
**Invitation to Bid, No. 21-102**  
**Murphey Candler Park Nature Trail**  
**REVISED 1/26/2021**

**Invitation to Bid, No. 21-102**  
**MURPHEY CANDLER PARK NATURE TRAIL**

December 21, 2020

**Mandatory Pre-Bid Conference**  
**Monday, January 11, 2021, at 11:30 a.m. EST.**  
**Via Zoom- Advance registration is required for this meeting:**  
[https://zoom.us/meeting/register/tJAudeqhqDkiG9HyfIM17kl\\_WRJ1P6vVztux](https://zoom.us/meeting/register/tJAudeqhqDkiG9HyfIM17kl_WRJ1P6vVztux)

**BID DUE DATE and OPENING DATE:**  
**Tuesday, February 2, Thursday, January 28, 2021, at 2:30 p.m. EST.**  
**Via Zoom: <https://zoom.us/j/96684793776>**

**Bids shall only be accepted online through the Bonfire Portal at:**  
<https://brookhavenga.bonfirehub.com/projects/view/36405>

**Any bid submitted in any other format (email, paper, fax, mail, etc.) will not be accepted.**

**Instructions to Bidders:**

1. All communications regarding this solicitation must be with the Purchasing Manager, Shakera Hall, [shakera.hall@brookhavenga.gov](mailto:shakera.hall@brookhavenga.gov).
2. All questions or requests for clarification must be sent via Bonfire under Message - Opportunity Q&A: <https://brookhavenga.bonfirehub.com/projects/view/36405>. Questions are due no later than **Tuesday, December 22, 2020, at 4:00 p.m. EST**. Questions received after this date and time may not be answered.
3. Questions and clarifications will be answered in the form of an addendum. Any addenda, schedule changes, and other important information regarding the solicitation related to this solicitation will be posted on Bonfire website at and it is the Offeror's responsibility to <https://brookhavenga.bonfirehub.com/projects/view/36405> check the Bonfire portal for any addendum or other communications related to this solicitation.
4. The City of Brookhaven reserves the right to reject all bids and to waive technicalities and informalities, and to make award in the best interest of the City of Brookhaven.
5. The City of Brookhaven is not responsible for any technical difficulties. It is highly recommended that all potential contractors submit their quotes prior to the due date of this solicitation.

**ADDENDUM NO. 1**  
**Invitation to Bid, No. 21-102**  
**Murphey Candler Park Nature Trail**  
**REVISED 1/26/2021**

- A. The following are questions received and City of Brookhaven responses for the above- referenced solicitation:
1. Please clarify scale on all plans.  
**The scale on all the plans are correct.**
  2. The spec references both AASHTO and AISC. These are too very different designs. Which design criteria should the bridge be designed to?  
**Please refer to the Loading and Design Criteria section on sheet C-223.**
  3. There is even a reference for IBC design. Please clarify which design criteria desired.  
**Please refer to the Loading and Design Criteria section on sheet C-223.**
  4. Does the bridge manufacturer have to be on the GDOT QPL list?  
**No.**
  5. Is the bridge decking reinforced concrete or only 4" thick concrete with no reinforcement? If reinforced concrete, please provide rebar details.  
**It is only 4" concrete.**
  6. Please provide weight information for PermaTrak Precast Beams, Treads and Curb.  
**Please refer to the boardwalk General Notes on sheet C-221.**
  7. Please provide the length of PermaTrak precast curb.  
**Please refer to the Boardwalk Detail Sheet C-222.**
  8. Drawing C-300 Site Grading please clarify if the existing (867.58) and top of boardwalk (896.50) elevation for location near existing drainage channel is correct, as nearby elevation differences are not similar or consistent.  
**The elevations for the location of existing drainage channels is correct.**
  9. Who is responsible for permitting and the associated fees?  
**The City is covering the permitting fees for this project.**
  10. If unsuitable soils or rocks are encountered upon abutments installation, concrete trail, and helical piers installation, how do you address that and its cost?  
**We will refer to the unit cost in the contract for unsuitable soils.**
  11. What's the budget for this project?  
**Undetermined.**
  12. Is there water and power available on site?  
**No.**

**ADDENDUM NO. 1**  
**Invitation to Bid, No. 21-102**  
**Murphey Candler Park Nature Trail**  
**REVISED 1/26/2021**

13. Since this project is located within the wetlands, a restricted area, General Contractor must be careful in clearing the site segmentally to prevent a chance of massive erosion and rutting after each rainfall. Please confirm. If this project needs to be cleared segmentally, what is the maximum disturb area per day?

**The maximum disturbed wetland area is expressed more in the terms of “at a time” rather than per day. That amount is 200 square feet at a time, so, if 200 square feet were disturbed, as soon as it is stabilized with at least ample mulching the next 200 square feet may be disturbed and so on. This leap frog approach will allow well more than 200 square feet per day, but dutifully mulching each time is imperative. Driving equipment through the freshly mulched areas isn’t acceptable, so it would likely be better to make way well into the area and then begin working your way out.**

14. The boardwalk manufacturer indicated that the boardwalk installation process could be a top-down construction method to minimize the disturbing area of the wetlands. Is this correct? Please advise.

**That is correct.**

15. According to our installer’s experience, 180 days to install 1956 Lf of proposed concrete boardwalk will not be enough. Will the City extend the construction schedule?

**The City would look at the possibility of extending the construction schedule if circumstances dictated an extension.**

16. Is it required all helical piers to be installed for all concrete boardwalk? Or we can utilize shallow foundations for certain segments of it?

**Helical piers are required to be installed for all portions of the concrete board walk.**

17. Does this project need square or hollow shaft helical piers? Please provide drawing details and specs for your helical pier requirements.

**Item #3 under Design Data on sheet C-221 indicates that Helical Pier Design to verified by the contractor prior to construction.**

18. How many helical piers are required for the boardwalk?

**The number of Helical piers for this project is 1,800.**

19. The specs states that helical piers are between 15’-30’ deep. What happens if some of the helical piers are required to go deeper than specified?

**The Helical piers will be installed accordingly and if the contractor is required to go deeper, then the proper adjustments will be made.**

20. According to the drawing C-221, the required helical piers for the boardwalk are ONLY vertical one. There are no helical piers for lateral support. Please confirm.

**Lateral Stability of Helical Pier for actual construction loads must be considered and designed for by the Helical Pier Engineer. Cross Bracing may be required.**

**ADDENDUM NO. 1**  
**Invitation to Bid, No. 21-102**  
**Murphey Candler Park Nature Trail**  
**REVISED 1/26/2021**

21. The details for prefabricated bridge's abutments on sheet S-100 have 4 angular helical piers at each corner of the abutment. However, there are no vertical helical piers shown. Please confirm that no helical pier is needed vertically at each corner of the abutments.  
**Please refer to the Bridge Detail on Sheet C-223.**
22. Sheet C-221, details PT01 of Permatrack, design details #3, note states that "cross bracing maybe required." Please provide the details drawings and specs for the bracing requirements.  
**The detail drawing and specs for the "cross bracing" requirement will have to be obtained from PermaTrak.**
23. How many manually operate rising bollards are needed for this project? The bollards specs on sheet C-220 is not readable due to the mixed up with other' specs. Please provide a readable specs of the bollards and their quantities and locations.  
**There will need to be six (6) manual operating bollards.**
24. Does the entire boardwalk require aluminum handrails, or only at certain locations? If it is only for a certain location, please provide the locations for the aluminum handrail.  
**The handrails are required for the entire boardwalk.**
25. On sheet C-300, note "existing drainage channels to remain", the elevations of the boardwalk (TB) change from 870.50 to 896.5 within only 20 LF of length. Please confirm.  
**That is correct.**
26. In addition, the scale of grading plan, sheet C-300 is not correct. Please provide the correct scale.  
**The City Engineer will check the scale. If the scale is wrong, then the corrected scale will be provided.**
27. Site Staking Plan, C-201 has no station numbers. Please provide the needed information.  
**Please refer back to the General Notes section on sheet C-201.**
28. Erosion Control contractor, Grader, Helical piers contractor, boardwalk installer, and handrail fabricator must work together simultaneously within a limited small area width (8' to 10' clearance). This will require going back and forth with many mobilizations and coordination, especially when the construction gets to the middle of the boardwalk length. Can we have an additional designated staging area at the middle of the boardwalk length? See attached file.  
**Yes.**
29. Can the Contractor use another prefabricated bridge supplier or only work with Bridge Brothers?  
**Bridge Brothers was the bridge supplier that was specified for this project. They did another bridge located in the northeast corner of the lake.**
30. The Permatrak boardwalk drawings do not have details for beam span. Please provide beam span for determining number of helical piers.  
**Please refer to Boardwalk Detail sheet C-221.**

**ADDENDUM NO. 1**  
**Invitation to Bid, No. 21-102**  
**Murphey Candler Park Nature Trail**  
**REVISED 1/26/2021**

31. Will the Contractor be allowed Helical Piers installation first for all boardwalk on the project and then come and do installation of the boardwalk with top down method?  
**Yes.**
32. Please give revised dates for installation of prefabricated bridge stated on Notes C-100.  
**The new timeline for the bridge installation is Mid-June 2021 through Mid-August 2021.**
33. Will permit fees be waived?  
**The City is permitting the project.**
34. Are there any inspections that need to be done by the Contractor at Contractor's cost?  
**Yes.**
35. Exhibit K Bid schedule and drawings call for an alternate #1, however, there is no information about what does this alternate refer to, please clarify.  
**Add alternate #1 is identified on Sheet C-200. It is the “dark gray” trail on the plan.**
36. Drawing C-201, general note #2 refers to sheet C-210, however; this sheet is not available, please clarify.  
**There is no sheet C-210. That was an error by the engineer.**
37. Are clarifications / exclusions acceptable with the bid package with no disqualification consequences.  
**Yes.**
38. What is the order of hierarchy for this project’s documentation in case of discrepancy between Contract, Drawings, Project Manual, Shop Drawings, Submittals and all other related information?  
**The hierarchy for project documentation is Contract, Project Manual, Drawings, Shop Drawings, submittals and other related information.**
39. The scale on the grading sheet isn’t correct, will it be corrected?  
**Please see question #28.**
40. On S-001, Section 4 , letter R: it states Minimum warranty on materials and LABOR shall not be less than 30 years. Was labor supposed to be included in this?  
**Yes.**
41. The spec references both AASHTO and AISC. These are too very different designs. Which design criteria should the bridge be designed to? Does the bridge manufacturer have to be on the GDOT QPL list? (Bridge Brothers is not by the way).  
**No. The bridge manufacturer does not have to be on the GDOT QPL List. Please refer to the Loading and Design Criteria section on sheet C-223.**

**ADDENDUM NO. 1**  
**Invitation to Bid, No. 21-102**  
**Murphey Candler Park Nature Trail**  
**REVISED 1/26/2021**

42. Can you provide a helical pier quantity for Permatrak?  
**Please contact PermaTrak for that information.**
43. On Plan Page S-100 It states 3/4 anchors, bridge end post, bridge setting plates, bridge end post, 18" embedded anchors, concrete deck beyond By others Please clarify if this Work/Installation is included in this contract or not?  
**This work will be done by the contractor and will be included in the contract.**
44. What is specifically meant By Permatrak Assembly? On S-100 it has Permatrak Boardwalk and Permatrak Assembly listed on plans separately. Can you define the elements of "Assembly"? Does this include foundation Beams and Piers? Where are the limits of responsibility for the contractor scope of work in regard to Permatrak?  
**The contractor would use the Permatrak materials to install the board walk.**
45. On Plan Page S-100 It states Permatrak assembly By others Please clarify if Permatrak assembly Work/Installation is in this contract or not? If not, is Permatrak assembly detail information only for reference purposes?  
**The contractor would use the Permatrak materials to install the board walk.**
46. On Plan Page S-100 It states Permatrak Boardwalk By others Please clarify if Permatrak Boardwalk Work/Installation is in this contract or not? If not, is Permatrak Boardwalk detail information only for reference purposes?  
**City Staff will have to check on this item.**
47. On Plan Page S-100 It states Bridge By others Please clarify if Bridge Work/Installation is in this contract or not? If not, is Bridge detail information only for reference purposes?  
**The bridge work will be part of the contract.**
48. What is the intended longitudinal spacing for the vertical piles that support the Permatrak boardwalk? Again – we need this info to properly estimate overall pile qty.  
**Please refer to the drawings.**
49. Again, on Sheet C-201, there are annotations referencing the various boardwalk segments but most don't have arrows pointing to their respective segment.  
**City staff will work to address those issues.**
50. The Site Staking Plan (Sheet C-201) doesn't seem the show the actual stationing for the boardwalk alignment that we would have expected to see on a sheet by this title. Perhaps the info is on a CAD layer that is turned off by mistake. We need the stationing to properly estimate pile qtys for this boardwalk.  
**The City Engineer can review and if needed turn on the CAD layer needed for this information.**
51. Is there a plan holders list available from the prebid held on 1/11?  
**Staff will have to check with the Procurement Manager regarding this item.**



**ADDENDUM NO. 1**  
**Invitation to Bid, No. 21-102**  
**Murphey Candler Park Nature Trail**  
**REVISED 1/26/2021**

52. Where we can find itemized schedule value (quantities summary) of the project in the contact document.

**The Procurement Manager is still working on putting the contract document together at this time.**

53. According to notes on C-100 North and South side construction it states that all construction associated with the pre-fab bridge shall be completed between Nov 2020 and Jan 2021. Please advise as this timeline as expired.

**The new timeline for the bridge installation is Mid-June 2021 through Mid-August 2021.**

54. Drawing C-221: Under the design data section it states that it must be a top down construction. I'm concerned with the weight. Vehicular rating is 10K lbs. Recommended construction equipment shall be Caterpillar 279C weighing 9892 lbs with the weight of the tread we will exceed the recommended weight.

**City staff will review with contractor this issue.**

55. Can you provide additional information on the Permatrak Bridge? We are trying to identify how far apart the spans are and required the helical piers, length wise. Overall bridge length. Nova reports recommend 15 -25 feet. Can we assume the same for the Permatrak?

**Yes.**

56. What is the engineer's estimate/budget for the contract?

**Please see question #11.**

57. Will the city accept bridge alternates such as Pioneer or Contech?

**Yes.**

58. Regarding the Helical piles, the design loads given by PermaTrak differ from the load requirements specified on the Notes shown in Drawing S-001. Please clarify the Design loads and Factor of Safety required to be meet.

**Please contact PermaTrak for Clarification.**

59. The soil data provided does not offer conclusive information in deriving at a reasonable pile depth to meet the design load requirements given either by the EOR or PermaTrak; thus, can a bid depth be established for continuity in the bidding process?

**A bid depth can be established for continuity.**

60. Are any load tests required, and if so, how many?

**Please refer to the "Special inspections apply to work performed at Jobsite" on sheet S-001.**