

**City of Bristol, Tennessee**  
P.O. Box 1189  
Bristol, Tennessee 37621-1189

INVITATION TO BID

Bid Reference No. 17019

April 10, 2017

Competitive sealed bids will be received by the City of Bristol, Tennessee for the following:

**Floating Dock System**

Bids will be accepted in the Purchasing Department, Bristol City Hall, 801 Anderson Street, Room 204, Bristol, Tennessee 37620 until **April 25, 2017 at 10:00 a.m.**, prevailing local time, at which time the bids will be publicly opened and read. Include the bid reference number on the bid envelope.

Contact Stephen Berry at 423-989-5581 if you have technical questions. Contact Crystal Key at 423-989-5528 if you have any questions regarding the bidding process.

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**City of Bristol, Tennessee**  
Invitation to Bid

INSTRUCTION TO BIDDERS

1. Each bid must be signed by the bidder with his/her original signature on the Bid Pricing Sheet for consideration. Bids by a Partnership must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and title of the person signing. Bids by Corporations must be signed with the name of the corporation, followed by the signature and designation of the president, secretary, or person authorized to legally bind the corporation.
2. Bids must be received prior to the specified time of closing as designated in the invitation. Bids received late will be returned unopened to the bidder.
3. Envelopes must be sealed when submitted and must be properly noted with the bid reference number and the description of the bid item. Separate bids must be submitted for each reference number. The City will not be held responsible for the premature opening of unmarked envelopes if sent through regular mailing system. Facsimile transmissions of bidding documents will not be accepted.
4. Bids containing erasures or corrections thereon will be rejected unless said erasures or corrections are noted over the initials or signature of the bidder.
5. Bids may be submitted on any one item or any group of items unless otherwise stated herein. The unit price must be shown for each item or group of items as requested.
6. References in the *Description of Requirements and Specifications* describing the material, supplies, or services required of a particular trade name, catalog or model number are made for descriptive purposes to guide the bidder in interpreting the type of material or supplies or nature of the work described. They should not be construed as excluding offers on other type of materials and supplies or of performing the work in a manner other than specified. However, the bidders attention is called to Paragraph 6 of the *General Conditions* which must be strictly adhered to.
7. All bids shall remain valid for a period of sixty (60) days after bid opening unless a longer period is otherwise stated herein.
8. Bids are to be mailed to or delivered to the Purchasing Department, Bristol City Hall, 801 Anderson Street, Room 204, Bristol, Tennessee 37620. One original and one copy of each bid proposal must be submitted for review, unless otherwise stated.
9. The City of Bristol is tax-exempt and sales taxes are not to be included on the bid. Any bid including sales taxes will be adjusted at the time of the bid opening. The City's sales tax exemption number will be provided to the successful bidder.

INSTRUCTION TO BIDDERS (CONTINUED)

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10. In the event bidder fails to honor bid, they will be declared non-responsible and removed from future bid opportunities. If bidder is submitting equipment from current inventory, the bid must be valid for a period of sixty (60) days after bid opening and cannot be subject to prior sale provisions.
  
11. In accordance with T.C.A. 62-6-119 all contractor license information, including electrical, plumbing, and HVAC must be listed on the outside of the bid envelope for projects of \$25,000 or more. All masonry contractor information must be included for masonry portions of a project exceeding \$100,000. In order to comply, list the **name of the project, contract number, name, address, and contractor's license number of the Bidder, expiration date of the Contractor's license, the classification applying to this bid, and date and time of opening**. All contractor information must be included for any of the above types of contractors. If this information is not listed, the bid will be deemed non-responsive.

- End of Section -

**City of Bristol, Tennessee**  
Invitation to Bid

GENERAL CONDITIONS

1. The City of Bristol reserves the right to reject any and all bids or parts thereof, and unless otherwise specified by the bidder, to accept any item in the bid. In case of error in extending the total amount of the bid, the unit price will govern. Bid pricing should be stated in both words and numbers. In the case of a discrepancy, the price in words will govern. The City also reserves the right to waive informalities on all or any part of any bid as deemed to be in the best interests of the City.
2. The purchaser is a municipality and invoices are processed for payment not less than twice a month. It shall be understood that the cash discount period will be extended to the date that invoices are paid. Payment will commence or be made in full after delivery and/or completion of the project and acceptance of equipment. All documents, invoice, title and exception certificate shall be presented to the Purchasing Department, 801 Anderson Street, Room 204, Bristol, Tennessee 37620.
3. In case of default by the bidder or contractor, the City of Bristol may procure the articles or services from other sources and hold the bidder or contractor responsible for any excess cost occasioned thereby.
4. All prices quoted shall be United States currency. Prices shall be stated in units of quantities specified.
5. Prices quoted, unless otherwise stated by bidder, will be considered as being based on delivery to destination as designated and to include any charges for packing, crating, containers, etc., and being in strict accordance with specifications as shown.
6. Whenever a reference is made in the specifications or in describing the materials, supplies or services required, or a particular trade name, manufacturer's catalog, or model number, the bidder, if awarded a contract, will be required to furnish the particular item referred to in strict accordance with the specifications or description unless a departure or substitution is clearly noted and described in the proposal by the bidder.
7. It is the intent of these specifications to secure and to insure the delivery of the specified unit(s) complete and ready to withstand the service and continuous use encountered by the City in the course of the work for which the unit(s) is/are intended. Omission of any essential detail from these specifications does not relieve the supplier from furnishing such unit.

GENERAL CONDITIONS (CONTINUED)

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8. The bidder, by executing a contract or bid proposal on the terms of the invitation to bid, warrants the product that is supplied to the buyer shall remain fully in accordance with the specifications and to be of the highest quality. All bids must be for new equipment. This provision excludes surplus, used or demonstrator products unless so stated in the specifications.
9. In the event the product as supplied to the buyer is found to be defective or does not conform to the specifications, the buyer reserves the right to cancel the order upon written notice to the supplier and return such product to the supplier at the supplier's expenses.
10. All parts not specifically mentioned herein, but which are necessary in order to furnish complete materials and installation shall be supplied by the bidder. Each product furnished to the City shall conform to the best known practices for the most recent unit.
11. If a bidder has any exceptions to these specifications, such exceptions must be stated in writing and describe in detail what is proposed to be furnished in lieu of the specified requirements. When the detailed specifications require specific brand names, model numbers, dimensions or capacities of components, it is because they have been carefully selected and specified for the intended service due to their reliability and/or availability of replacement parts on a local basis.
12. The bidder, if awarded an order or contract, agrees to protect, defend, and save harmless the City against any demand for the use of any patented materials, process, article, or device, that may enter into the manufacture, construction, or form a part of the work covered by either order or contract and he further agrees to indemnify and save harmless the City from suits or actions of every nature and description brought against it, for or on account of any injuries or damages received or sustained by any party or parties, by or from any of the acts of the contractor, his servants, or agents.
13. It is the policy of the City of Bristol, Tennessee to ensure equal opportunity in all aspects of its programs and services without regard to race, color, sex, or national origin under Title VI of the Civil Rights Act of 1964. This policy applies to the administration of programs, facilities, benefits, or services that receive assistance from the Federal government. During the performance of this contract, the successful vendor agrees as follows:
  - A. To comply with the regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations, Part 21, (hereafter referred to as "Regulations") as they may be amended.

GENERAL CONDITIONS (CONTINUED)

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- B. To ensure nondiscrimination on the grounds of race, color, sex, or national origin in the selection and retention of subcontractors, including procurement of materials and lease of equipment. The vendor shall not participate either directly or indirectly in discrimination prohibited by Section 21.5 of the Regulations, including employment practices.
  - C. That during solicitations either by competitive bidding or negotiation made by the vendor for work to be performed under a subcontract, including procurement of materials or lease of equipment, all potential subcontractors be notified by the vendor of their obligations under this contract and Regulations relative to nondiscrimination on the grounds of race, color, sex, or national origin.
  - D. That all information and reports required by the Regulations be readily accessible by the City of Bristol, Tennessee or the Tennessee Department of Transportation as may be pertinent to ascertain compliance with the Regulations.
  - E. That in the event of noncompliance with the nondiscrimination provisions of the contract, the City shall impose contract sanctions as it or the Tennessee Department of Transportation may determine to be appropriate, including but not limited to:
    - 1. Withholding payments until compliance is made, and/or
    - 2. Cancellation, termination, or suspension of the contract, in whole or in part.
  - F. That the vendor includes these provisions in all subcontracts, including procurement of materials and leases of equipment.
14. Samples, when requested, must be furnished free of expense prior to the opening of bids and if not destroyed will, upon request, be returned at the bidder's expense.
15. Terms and conditions, unless stated otherwise herein, are to be effective for one year from the date of bid acceptance by the City Council.
16. All federal, state, and local law requirements must be followed.
17. The City accepts responsibility of merchandise upon receipt at the City's delivery point unless otherwise noted herein.
18. The City reserves the right to purchase more or less of the Bid Items at the unit price listed on the Bid Pricing Sheet.

GENERAL CONDITIONS (CONTINUED)

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19. Special Conditions, if any, are enclosed and listed in the Table of Contents. A conflict between *Special Conditions* and *General Conditions* shall be construed in favor of the *Special Conditions*.
20. The Description of Requirements and Specifications for the procurement are enclosed herewith.
21. The specifications set forth are the minimum that are acceptable. The City of Bristol reserves the right to consider differences or variations in the character, quality or workmanship of the items offered, to reject any or all bids, and to accept any bid that it may deem to be in the best interest of the City.

- End of Section –

**City of Bristol, Tennessee**  
**DESCRIPTION OF REQUIREMENTS AND SPECIFICATIONS**

**Floating Dock System**

The City of Bristol Tennessee, Parks & Recreation Department is requesting sealed Bids for the purchase a new floating dock system to be installed at Steele Creek Park. All specifications outlined herein are to be considered as minimum guidelines for responding bidders to use in their design. The end goal is to install a floating dock system to accommodate 10 paddle boats and a Jon Boat.

The City of Bristol intends to purchase one complete dock system as diagrammed below. These dimensions should be considered minimum specifications. It is the responsibility of each responding bidder to configure and design a comprehensive, reliable, cost effect, and versatile floating dock system that can be installed without special training or equipment. All equipment is to be delivered to 10 Little Lane, Bristol TN, 37620.

The dock will be placed on a man-made 52 acre lake. The lake volume is controlled by an open spillway and lake levels vary very little.

The responding bidder is responsible for determining the types and quantities of products needed to facilitate installation. Responding bidder shall include a comprehensive equipment/materials listing, spare parts recommendations with unit pricing, installation information of equipment, warranties, product assembly drawings, operation manuals, diagrams, trouble shooting support, preventive/corrective maintenance support, and any/all other related items/services needed to successfully provide and maintain the system. The vendor must provide for the shipping and delivery of the dock system and include a delivery date.

Direct all questions to:            Stephen Berry, Park & Facility Superintendent  
   Office: 423-989-5581  
   Cell: 423-646-5212  
   Email: [sberry@bristoltn.org](mailto:sberry@bristoltn.org)

**1. Floating Dock System**

1.1 Dock system must consist of individual sections meeting the minimum specifications outlined below. The sections shall be simple to assemble both on and off the water.

1.2 Include a minimum six points of anchoring using poles and augers, poles to be furnished by City.

1.3 Include one aluminum gangway measuring a minimum of 6feet long by 4feet wide with kit to attach gangway to dock and timber shore wall.

## DESCRIPTION OF REQUIREMENTS AND SPECIFICATIONS

### Page 2

- 1.4 The individual dock sections shall consist of decking surface and the float structure, which are to be constructed as a single, integrated component. This shall be accomplished without the use of foam for either structural integrity or floatation. The dock sections shall be manufactured by a rotational molding process and each dock section shall be subject to the specific parameters of the particular model.
- 1.5 The individual dock section shall consist of a specified number of interior, air filled pylons. These pylons shall provide for floatation in the event of a breach of an exterior wall of the dock section; as well as the structural support for the deck portion of the float. Each pylon shall support the dead load plus a live load of 55 pounds (lb.).
- 1.6 The individual dock sections shall be constructed of the following materials with the following general properties:
- a. Virgin Polymer, Thermoplastic, Rotational Molding Grade Linear Low Density Polyethylene- (LLDPE)
  - b. An ultraviolet inhibitor system (UV-16) or better spectrometer specification.
  - c. A standard color of beige (or optional other) colorant in accordance with rotomolding standards.
  - d. The dock section shall have a cold brittleness temperature equal to, or less than, -130 Fahrenheit (F), per ASTM D-746.
- 1.7 The properties of the exterior wall thickness of the dock sections shall be as follows:
- a. The mean exterior material thickness shall be no less than .310 inches (in).
  - b. The corners thickness shall be no less than .650 inches (in).
  - c. The exterior edge thickness shall be no less than 0.50 inches (in) at any particular point.
  - d. The walls of the dock sections shall resist a shear of no less than 1900 pounds per square inch (lb./in<sup>2</sup>), per ASTM D-732, as well as having the capability of resisting a mean minimum impact of no less than 207 foot pounds (ft-lb), per ASTM D5420.
- 1.8 The decking surface shall be composed of a textured or “orange peel” surface with a grid pattern for added adhesion during dry conditions. Drainage of the decking surface shall be accomplished through the use of troughs. The drainage troughs shall extend over the width of the dock deck.
- a. The deck shall have an approximate coefficient of friction equal to 0.35 during dry conditions and 0.61 during wet conditions.

- b. The properties of the decking surface shall be as follows:
  1. The mean deck thickness shall be no less than 0.315 inches (in).
  2. The deck thickness shall be no less than 0.290 inches (in) at any particular point.
  3. The deck shall resist a punching shear which is no less than 1900 pounds per square inch (lb./in), per ASTM D-732.
  4. The deck shall resist a minimum impact of no less than 120 foot pounds (ft-lb) near the center, or at the point where the deck is thinnest, per ASTM D-3029.
  5. The deck shall resist a minimum impact of no less than 150 foot pounds (ft-lb) within 16 inches (in ) of the outside of the dock, per ASTM D-3029.

## **2. Floating Dock Structure**

- 2.1 The dock structure, as a whole, shall consist of the individual sections, which are to be coupled together in the specific configuration desired by the purchaser. (See drawing) Any material used in the dock structure shall provide for resistance to rust, corrosion, and the effects of any fuel or gasoline. All material designed and selected for marine environment and the conditions there of.
- 2.2 A 2-D or 3-D layout drawing of the final configuration, including any accessories, shall be supplied. Recommendations for anchorage will also be provided.
- 2.3 The dock structure shall act as one unit when assembled, so that wave and/or wind action shall produce a minimum amount of motion. The securing shall allow the structure to rise and fall freely with any water level changes and allow the structure to span waves from crest to crest, while providing a stable walking surface.

## **3. Connections of Dock Sections**

- 3.1 Each dock section shall have molded-in pockets spaced symmetrically along the top and bottom edges, around the entire perimeter of the dock section to allow for connection of each sections.
- 3.2 The molded-in pockets shall accept a coupler which shall be secured into the pocket with the use of a coupler bolt and nut.
- 3.3 The purpose of such connections is to provide for simple assembly and disassembly, as well as providing for the securing of one section to another.

3.4 Each connection point shall allow for some slippage in the event that an extreme stress is applied. This slippage will allow for disconnection without causing damage either to the couplers or the pockets.

3.5 The dock sections shall be connected at set increments, in relation to each other. These connections may be made from any one side of any dock section to any other side of another dock section. These connections may also be used to connect dock sections of differing dimensions and shall provide for ease of assembly, whether the sections are to be assembled on land or in the water.

3.6 Each coupler shall withstand a pullout force of no less than 2,500 pounds (lb) before failure of coupler occurs.

3.7 Each of the molded in connection pockets shall provide for a pullout strength of no less than 3,500 pounds (lb.), before damage is caused to the dock section.

3.8 The accessories shall be connected to the dock system through the use of molded in coupler pockets around the perimeter of the dock sections by the use of couplers.

#### **4. Cleats**

4.1 Pre-installed anchoring points shall be included in the design of the dock sections. These anchor points should allow for simple adding/removing of the cleats and shall allow for the securing of watercraft alongside the dock.

#### **5. Anchorage**

5.1 The dock system shall be designed to allow for the use of piling of various sizes, spud pipes, cables, or chains attached to a bottom anchor, or stiff-arm attachments for anchorage.

#### **6. Gangways and Access**

6.1 All construction is to be accordance with the minimum provisions of States Organizations for Boating Access (SOBA) and the guidelines stated by, "Marinas and Small Craft Harbors". Gangways will be offered in several different material options but the offerings for loads, handrails, guardrails, transition plates, float mounts, shore mounts, and general designs will remain constant. Environmental conditions will influence the accessibility. Design layouts and advice will be supplied at our request.

DESCRIPTION OF REQUIREMENTS AND SPECIFICATIONS

6.2 Gangways and Access Ramps shall be designed to support 90 pounds per linear foot (lbs./ft.ln). The deck and structural components shall be designed to support a concentrated load of 400 applied to any 12 inch X 12 inch square. Lateral designed wind loads shall not exceed 77MPH.

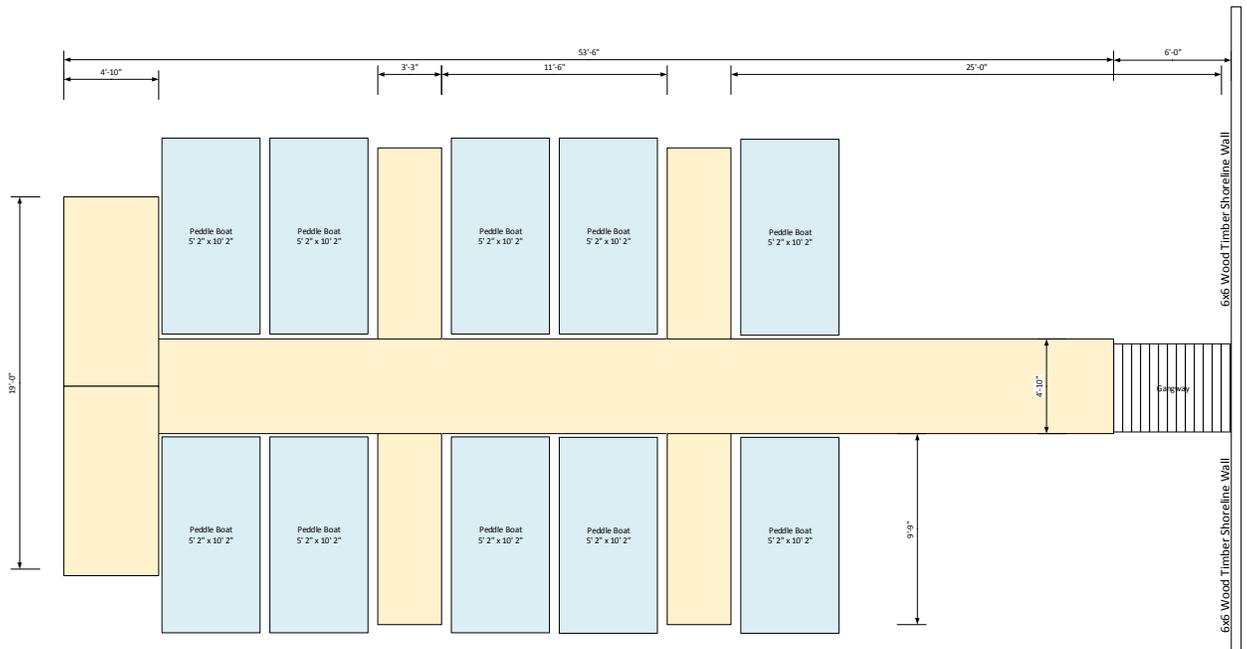
6.3 Decking shall be per project specification and be skid resistant and made from marine grade appropriate materials.

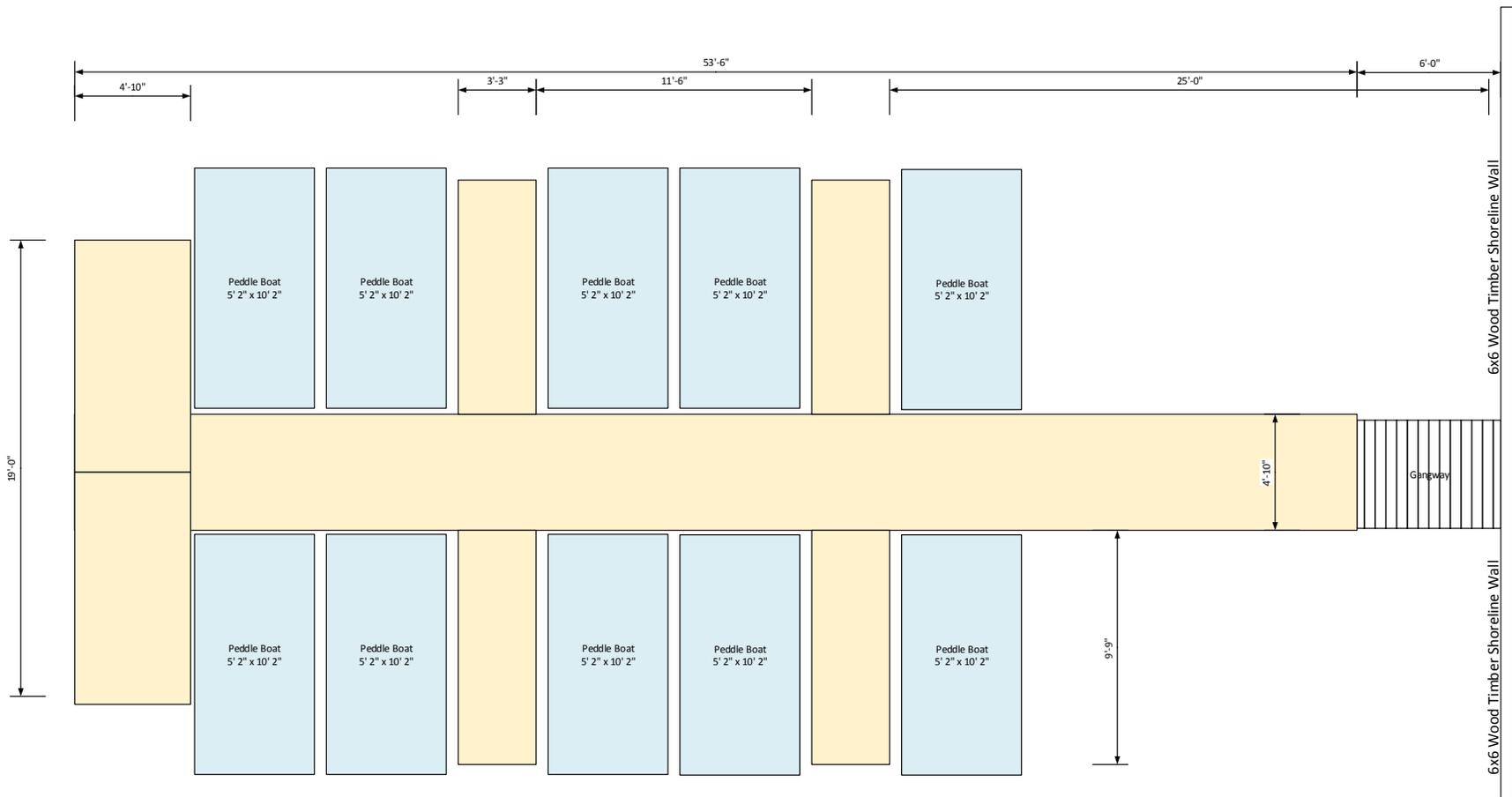
**7. Pricing**

A total price shall be submitted for the dock system as described/drawn. In addition, each component will be priced separately.

**8. Exceptions**

The responding bidder must indicate any/all discrepancies, product substitutions, variations, exceptions, etc. to the specifications listed and must clearly define and include same as an attachment to their bid response. Any/all exceptions shall be enclosed in the format requested, correspondingly referencing page number(s), paragraphs and any other identifying factors. Bids that are found to have deviations which have not been identified in written form will be considered non-responsive and cause for disqualification.





- End of Section -

**City of Bristol, Tennessee**  
**BID PRICING SHEET**

Bid Reference No. 17019

**FLOATING DOCK SYSTEM**

Total Price:                   \$ \_\_\_\_\_ (Price in Numbers)

\_\_\_\_\_ (Price in Words)

**Delivery Date:**                   \_\_\_\_\_

Non-Collusive Bid Statement: The undersigned bidder, having fully informed himself regarding the accuracy of the statements made herein, certifies that: (1) The bid has been arrived at by the bidder independently and has been submitted without collusion with, and without any agreement, understanding, or planned common course of action with any other vendor of materials, supplies, equipment, or services described in the bid, designed to limit independent bidding or competition, and (2) The contents of the bid have not been communicated by the bidder or its employees or agents to any person not any employee or agent of the bidder or its surety on any bond furnished with the bid, and will not be communicated by any such person prior to the official opening of the bid.

\_\_\_\_\_  
Signature of Authorized Official

\_\_\_\_\_  
Name and Title (Printed)

\_\_\_\_\_  
Legal Name of Business

\_\_\_\_\_  
Physical Address

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Email

\_\_\_\_\_  
Date

REQUIREMENTS OF IRAN DIVESTMENT ACT

Name of Bidder: \_\_\_\_\_

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the Iran investment activities list created pursuant to T.C.A. § 12-12-106.

Name of & Title of Signer  
(Print or Type): \_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Complete and return with bid package.

TITLE VI VOLUNTARY DISCLOSURE BY VENDORS/CONTRACTORS

The purpose of this request is to provide statistical information related to Title VI regulations. This is a VOLUNTARY disclosure. The information requested pertains to the company owner.

Race:             White/Caucasian  
                     Black/African American  
                     Hispanic  
                     Asian  
                     American Indian and Alaskan Native  
                     Native Hawaiian or other Pacific Islander  
                     Other

Gender:          Male  
                     Female

This form will be maintained on file in the Purchasing Department for review by the City of Bristol, Tennessee and the Tennessee Department of Transportation Title VI Compliance Office.