

Specifications
Tennessee Wildlife Resources Agency (TWRA)
TWRA Forage Fish
ITB 32801 - 13427

This solicitation is for the procurement of a one (1) year contract for the purchase and stocking of live Threadfin shad (TFS), Bluegill (BG), Golden shiner (GS), and Coppernose Bluegill (CNB) that shall be hatchery raised or collected from a secure source, a source free from disease, Aquatic Nuisance Species (ANS), and Aquatic Invasive Species (AIS).

Delivery: Fish shall be delivered to the waterbodies as described below. Requested delivery of fish is anticipated to be October through November of 2024, and/or April through June of 2025 as indicated below for each species.

Bidding: Bids shall be based on total number of fish requested for each species (Lot) including cost of delivery to each lake location.

Contract: Award shall be made to the lowest bid price for delivery of all species of fish to each lake. This is a single award contract. Vendors shall bid on all lines to qualify for award.

A. TWRA Points of Contact

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3. Contract Manger Nickki Davis
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B. General Information

1. Total number of fish requested by species for all lakes for period of the contract:
 - a. 240,000 Threadfin Shad (TFS)
 - b. 84,000 Bluegill (BG)
 - c. 683,000 Golden Shiner (GS)
 - d. 300,000 Coppernose Bluegill (CNB)
2. These fish species are commonly sold by the pound. At the sizes requested within the contract, the following is the estimated number of fish per pound that are normally

expected.

- a. Threadfin Shad (TFS) **3-5 inches** in length = ~140/lb. (acceptable range from 170/lb. – 120/lb. based on size distribution).
 - b. Coppernose Bluegill (CNB) **3.5-4.5 inches** in length = 30/lb. (acceptable range from 38/lb. – 17/lb. based on size distribution).
 - c. Bluegill (BG) **2.5-3.5 inches** in length = 55/lb. (acceptable range from 107/lb. – 38/lb. based on size distribution).
 - d. Bluegill (BG) **3.5-4.5 inches** in length = 30/lb. (acceptable range from 38/lb. – 17/lb. based on size distribution).
 - e. Golden Shiner (GS) **3-5 inches** in length = 50/lb. (acceptable range from 80/lb. – 20/lb. based on size distribution).
3. Bids shall be submitted for the cost of each line based on the numbers of fish requested and convert estimates of price per pound to numbers of fish using the estimates of fish/lb. then convert the price to the cost of each individual fish. For example, to calculate the requested 30,000 TFS, use the following formula to determine price. Using 140 TFS per pound, 30,000 TFS (ID 1000194510) would be 30,000 fish / 140 fish per pound to be 214.28 pounds or rounding up due to size variation would be about 215 pounds to get 30,000 TFS. If you bid \$29.30 per pound, that would be \$6,300 for the 30,000 lot or \$0.21 per fish (\$6,300 / 30,000). You will bid the price per individual fish.
4. Prior to off-loading/stocking, fish will be inspected by TWRA. TWRA will evaluate the quality, weight, and size of the fish being stocked. TWRA will measure how many fish is in the pound and use that to calculate how many fish is in the truck to ensure the requested number of fish is provided. Moreover, the number of fish per pound cannot fall outside of the provided acceptable range for that species as the potential for too large or too small of fish could be in the lot.
5. Threadfin Shad (TFS) shall be 3-5 inches in length and stocked as follows:
- a. **Herb Parsons Lake:** (GPS: 35.1357186, -89.6251630) – Total of Thirty Thousand (30,000) TFS.
ID 1000194510 - Spring Stocking: Thirty Thousand (30,000) stocked in April - June 2025
 - b. **Brown’s Creek Lake:** (GPS: 35.727427, -88.290967) – Total of Thirty Thousand (30,000) TFS.
ID 1000194650 - Spring Stocking: Thirty Thousand (30,000) stocked in April - June 2025
 - c. **Pin Oak Lake:** (GPS: 35.712611, -88.293432) - Total of Fifty Thousand (50,000) TFS ID 1000194513 - Spring Stocking: Total of Fifty Thousand (50,000) stocked

in April - June 2025

- d. **Lake Halford (AKA Carroll County 1000 Acre Lake):** (GPS: 35.934944, -88.463723) - Total of Eighty Thousand (80,000) TFS
ID 1000194511 - Spring Stocking: Total of Eighty Thousand (80,000) stocked in April - June 2025
 - e. **Fall Creek Falls SP Lake:** (GPS: 35.654427, -85.362548) – Total of Fifty Thousand (50,000) TFS.
ID 1000194512 - Spring Stocking: Fifty Thousand (50,000) stocked in April - June 2025
6. Bluegill (BG) shall be 2.5-3.5 inches in length and stocked as follows:
- a. **Brown’s Creek Lake:** (GPS: 35.727427, -88.290967) – Total of Forty-Two Thousand (42,000) BG.
ID 1000200152 - Fall Stocking: Twenty-One Thousand (21,000) stocked in October/November 2024
ID 1000200413 - Spring Stocking: Twenty-One Thousand (21,000) stocked in April – June 2025
7. Bluegill (BG) shall be 3.5-4.5 inches in length and stocked as follows:
- a. **Brown’s Creek Lake:** (GPS: 35.727427, -88.290967) – Total of Forty-Two Thousand (42,000) BG
ID 1000200153 - Fall Stocking: Twenty-One Thousand (21,000) BG stocked in October/November 2024
ID 1000200414 - Spring Stocking: Twenty-One Thousand (21,000) BG stocked in April – June 2025
8. Golden Shiner (GS) shall be 3-5 inches in length and stocked as follows:
- a. **Herb Parsons Lake:** (GPS: 35.1357186, -89.6251630)- Total of Seventy Thousand (70,000) GS.
ID 1000200148 - Fall Stocking: Thirty-Five Thousand (35,000) stocked in October/November 2024
ID 1000200407 - Spring Stocking: Thirty-Five Thousand (35,000) stocked in April – June 2025
 - b. **Brown’s Creek Lake:** (GPS: 35.727427, -88.290967) – Total of Eighty Thousand (80,000) GS.
ID 1000200154 - Fall Stocking: Forty Thousand (40,000) stocked in October/November 2024
ID 1000200415 - Spring Stocking: Forty Thousand (40,000) stocked in April – June 2025
 - c. **Pin Oak Lake:** (GPS: 35.712611, -88.293432) - Total of One Hundred Seventy Thousand (170,000) GS

ID 1000200155 - Fall Stocking: Eighty-Five Thousand (85,000)
stocked in October/November 2024

ID 1000200416 - Spring Stocking: Eighty-Five Thousand (85,000) stocked in April –
June 2025

- d. **Lake Halford (AKA Carroll County 1000 Acre Lake):** (GPS: 35.934944, -88.463723)
– Total of Two Hundred Forty-Five Thousand (245,000) GS
ID 1000194651 - Fall Stocking: One Hundred Twenty-Two Thousand Five
Hundred (122,500) stocked in October/November 2024
ID 1000200410 - Spring Stocking: One Hundred Twenty-Two Thousand Five
Hundred (122,500) stocked in April – June 2025

- e. **Fall Creek Falls SP Lake:** (GPS: 35.654427, -85.362548) - Total of One Hundred
Eighteen Thousand (118,000) GS
ID 1000200156 - Fall Stocking: Fifty-nine Thousand (59,000) GS
stocked in October/November 2024
ID 1000200417 - Spring Stocking: Fifty-nine Thousand (59,000) GS stocked in
April - June 2025

9. Coppernose Bluegill (CNB) shall be 3.5-4.5 inches in length and stocked as follows:

- a. **Herb Parsons Lake:** (GPS: 35.1357186, -89.6251630) - Total of Eighty-Eight
Thousand (88,000) CNB
ID 1000200149 - Fall Stocking: Forty-Four Thousand (44,000) stocked in
October/November 2024
ID 1000200408 - Spring Stocking: Forty-Four Thousand (44,000) CNB stocked in
April – June 2025
- b. **Acorn Lake, Montgomery Bell State Park:** (GPS: 36.100023, -87.273194) –
Forty thousand (40,000) CNB
ID 1000200150 - Fall Stocking: Twenty thousand (20,000) stocked in
October/November 2024
ID 1000205869 - Spring Stocking: Twenty Thousand (20,000) stocked in April –
June 2025
- c. **Fall Creek Falls Lake:** (GPS: 35.654427, -85.362548) - Total of Eighty-Seven
Thousand (87,000) CNB
ID 1000194649 - Fall Stocking: Forty-Three Thousand Five Hundred (43,500)
stocked in October/November 2024
ID 1000200418 - Spring Stocking: Forty-Three Thousand Five Hundred (43,500)
stocked in April - June 2025
- d. **Lake Halford (AKA Carroll County 1000 Acre Lake):** (GPS: 35.934944, -88.463723)
– Total of Eighty-Five Thousand (85,000) CNB
ID 1000205867- Fall Stocking: Thirty-four Thousand (34,000) stocked in
October/November 202

10. Non-Target species such as gizzard shad or ANS species shall not be included with the delivery of any of the requested species. If these species are found, the entire load shall be denied by TWRA, and the amount/poundage shall be replaced, or the Contractor's invoice shall be subject to reduction for amounts included in any invoice or payment that is denied by the State.
11. Fish shall be healthy and appear to be disease free. TWRA shall not pay for dead or diseased fish. For dead/diseased fish, the amount/poundage shall be replaced, or the Contractor's invoice shall be subject to reduction for amounts included in any invoice or payment that is denied by the State.
12. Hauling tanks shall be adequate for the load/poundage and have oxygen and aerators (agitation) available for transport.
13. The Contractor shall be responsible for delivering and off-loading the live fish to the specified lakes with the appropriate nets, tubes/pipes, etc.
14. Prior to off-loading/stocking, fish will be inspected by TWRA. TWRA will evaluate the quality, weight or size of the fish being delivered and check for the presence of non-target or ANS/AIS fish species.
15. The Contractor shall be capable of delivering the requested number of fish after receiving a fifteen (15) day advance notice of the exact pounds/numbers, sizes needed to each lake. The request for fish is anticipated to be March or April and possibly again in September or October.
16. Contractor shall ship the fish FOB Destination.

C. Delivery:

1. Delivery dates and times shall be established by mutual agreement between the Contractor and TWRA Regional Personnel once a purchase order is issued to the Contractor. However, the delivery of fish shall be made before 5:00 PM CST for all lakes.
2. Weekend deliveries only upon TWRA agreement and with a fifteen (15) day advance notice.
3. Delivery shall not be made on weekends or legal holidays as declared by the Commissioner of the Tennessee Department of Human Resources ("DOHR").