

**INVITATION TO BID (ITB) – ODNR 15-005
OHIO DEPARTMENT OF NATURAL RESOURCES**

DATE ISSUED: OCTOBER 2, 2014

The state of Ohio, through the Ohio Department of Natural Resources, Division of Wildlife, is requesting a bid for:

**ELECTROFISHING BOATS, TRAILERS & ASSOCIATED EQUIPMENT –
QUANTITY OF 2**

YOU ARE INVITED TO SUBMIT A BID FOR THE ITEMS DESCRIBED IN THIS DOCUMENT TO:

VICKI L. COX, BUSINESS ADMINISTRATOR, FISCAL CONTROL
OHIO DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WILDLIFE
2045 MORSE ROAD, BUILDING G
COLUMBUS, OHIO 43229

OR

SEND ELECTRONICALLY AS AN ATTACHMENT TO: Vicki.Cox@dnr.state.oh.us

DUE DATE: THURSDAY, OCTOBER 23, 2014 @ 4PM Eastern Standard Time (EST)
(Responses Received After This Date and Time Will Not be Accepted)

The Ohio Department of Natural Resources, Division of Wildlife, (ODNR-DOW) is requesting a bid, for two (2) electrofishing boats, trailers and associated electrofishing equipment as herein specified.

CALENDAR OF EVENTS.

Firm Dates

ITB Published:	October 2, 2014
Inquiry Period Begins:	October 2, 2014
Non-Mandatory Conference Call	October 8, 2014 at 11:00 A.M. Eastern Standard Time (EST)
Inquiry Period Ends:	October 16, 2014 at 8:00 A.M. Eastern Standard Time (EST)
Bid Due Date:	October 23, 2014 by 4:00 P.M. EST

Estimated Dates

State of Ohio Controlling Board Review	December 1, 2014
Contract Award Notification:	December 8, 2014

NOTE: These dates are subject to change.

There are references in this ITB to the Proposal due date. Prospective Bidders must assume, unless it is clearly stated to the contrary, that any such reference means the date and time (Columbus, OH local time) that the Proposals are due.

Proposals received after 4:00 P.M. EST on the due date will not be evaluated.

MANDATORY SPECIFICATIONS.

Delivery Address: Sandusky Fisheries Research Station
305 East Shoreline Drive
Sandusky, Ohio 44870

NOTE: All per unit and total pricing must include equipment installation fees and all equipment manuals. Delivery fees are to be submitted as an itemized expense.

Boat Specifications

Hull design

- 21' all welded, aluminum plate boat, meets United States Coast Guard approved
- 12 degree v-hull bottom
- 100" beam, 72" inch bottom,
- bow squared off to allow for electrofishing safety rail (see front deck specifications below)
- side hull thickness 0.125" aluminum, bottom hull thickness 0.190" aluminum
- cross ribs (2" x 2" x 0.125") welded in on 12" centers, 10" apart, along transect of boat
- all seams (i.e., sides, transom and bottom) doubled welded throughout
- 1 5/8" gunwales
- transom height 25", side height 30"
- interior of boat coated with non-skid grey liner
- rear splashwell to gunwhale height
- welded aluminum port and starboard mooring cleats
- transducer mounting plate
 - 18"x 6" along the bottom edge of the transom either starboard or port of 2" drain hole
- 2" drain hole
- 25 gallon (minimum) fuel tank with console gauge
- accessible floor enclosures (front deck to stern) for wiring and conduit concealment

Front deck

- 48" front deck with side drains (weep holes)
- removable bow safety rail (with LED shock lights)
 - OSHA approved minimum 42" height from front deck
 - 1" inside diameter aluminum pipe, 0.133" wall
 - light boxes (n=6) incorporated into front rail for LED lighting
 - light boxes (n=2) incorporated at top rear port and starboard corners for LED lighting

Center Console, Raydome and Accessory Support Railing

- all-welded aluminum (0.125" thickness) center console
- aluminum radar bar extending from port to starboard gunwale
 - able to accommodate Lowrance 4G radar sensor (see specifications below)
 - able to accommodate additional LED lighting
 - minimum of 6.5" above boat deck floor
 - ridged yet easily removable (e.g., with bolts or pins)
- storage cabinet forward center console, with recessed flip-down (toward gunwales) seating
- pedestal seat mount (height adjustable up and down) behind center console

Amenities:

- AGM Cranking Batteries (n=2) Blue Optmia Group 31
- AGM Deep Cycle Battery (n=1) Blue Optmia Group 31
- battery selector switch
- on-board 12 volt charging system
- navigation lights
- 12 volt outlets (n=2); one at console and one at bow
- 1500 gallons per hour (gph) bilge pump w/on, off, auto switch
- 1500 gph bilge pump with automatic float switch powered directly from battery
- 18 gang 12 volt fuse panel with ATO style blade fuses mounted under console
- accessory switch panel mounted at console
- navigation compass recessed into console

- marine radio
- Lowrance HDS-12 Gen2 Touchscreen Fishfinder/ Chartplotter Unit
 - 4G radar sensor, heading sensor, and high accuracy GPS antenna
- aluminum livewell 42"x24"x24" with dual hinge lid
 - bolted to boat deck but able to be removed with a flush deck remaining
 - flow through system, aerated, with quick disconnects for filling and discharging (pump controls located at center console)
 - standpipe drain and plug behind perforated aluminum screen
 - sloped bottom toward standpipe
- 2 deck work up lights
- 2 workup lights mounted to radar bar

Outboards:

- twin Yamaha 90 horsepower 4 stroke engines
 - power tilt and trim with controls mounted on center console
 - hydraulic steering at center console
 - throttle controls mounted on center console
 - digital fuel and tachometer gauges for each motor mounted on console
 - aluminum props
- transom savers

Trailer:

- galvanized tandem axle 3500 lb axles
- hydraulic surge brakes
- bottom roller bunks
- poly side guide bunks
- heavy duty swivel jack and winch with strap
- LED stop, turn, side marker, and license plate lights
- transom straps

Electrofishing System Equipment

Electrofishing Control Box Must Adhere to These Standards:

- pulsed AC output 0-7200 watts
- square wave pulsed DC output 0-12000 watts
- independent control of voltage (DV 0-1200 V, AC 0-240 V), duty cycle (1-100%) and frequency (1-300 pulses per second) in increments of 1
- auto-correction of input frequency and voltage to ensure consistent output waveform
- metered monitoring of peak output (watts, amps and volts)
- overload and dead short protection
- be powered by a commercially available, non-inverted style generator (i.e., only requirement un-bounded/ isolated neutral, no special windings)
- automatic voltage range shifting for three different ranges of voltage
- setting a voltage ceiling
- set and recall minimum of 5 electrofishing settings (waveform, voltage, pulse rate & duty cycle)
- high-voltage soft starts to protect internal circuitry
- display notifying user of overloading errors, incorrect settings and/ or dead short detection
- integrated ability to perform continuity tests on the safety switch\
- red illuminated display red for nighttime viewing
- weather and splash resistant construction without need for a cover
- integrated ability to monitor and report voltage and frequency of generator
- all electrical connections water and weather resistant

Electrofishing Booms:

- two (starboard and port) aluminum pivoting electrofishing boom assemblies
 - boom cradles welded onto safety rail (see above) with chain hangers

- two collapsible anode arrays (40” span) constructed of:
 - 3/16” stainless steel cable
 - with 1” stainless steel anode dropper tubes
- stainless steel hardware on all aluminum construction
- two safety foot switch pads located on bow deck
- one safety foot pad located near console for boat operator

IMPORTANT: Any deviations from the Mandatory Specifications are to be outlined on Company letterhead and attached to the bid (Cost Summary). ODNR DOW reserves the right to accept or reject any deviations or exceptions to the specifications.

NON-MANDATORY BIDDER CONFERENCE CALL.

A non-mandatory pre-bid Conference Call will be held on Wednesday, October 8, 2014 at 11:00 A.M. EST. The purpose of this conference call is to discuss this ITB and the Project with prospective bidders and to allow them to ask questions arising from their initial review of this ITB.

All prospective bidders are strongly encouraged to participate in the non-mandatory pre-bid Conference Call. The State does not permit any recording devices or cell phones during the proceedings.

Instructions for Conference Call:

Participants call this number: 866.206.0240

Participants enter this PIN: 374173 #

NOTE: In the event of a technical difficulty, please email Vicki Cox at Vicki.cox@dnr.state.oh.us before Wednesday, October 8, 2014 at 12:00 P.M. EST to receive further instructions.

INQUIRIES.

Bidders may make inquiries regarding this ITB any time during the inquiry period listed in the Calendar of Events. To make an inquiry, Bidders must use the following process:

1. Access the State Procurement Web site at <http://www.ohio.gov/procure>;
2. From the Navigation Bar on the left, select “Find It Fast”;
3. Select “Doc/Bid/Schedule #” as the Type;
4. Enter the ITB Number **ODNR 15-005**;
5. Click “Find It Fast” button;
6. On the document information page, click “Submit Inquiry”;
7. On the document inquiry page, complete the required “Personal Information” section by providing:
 - a. First and last name of the prospective Bidder’s representative who is responsible for the inquiry;
 - b. Name of the prospective Bidder;
 - c. Representative’s business phone number; and
 - d. Representative’s e-mail address;
8. Type the inquiry in the space provided including:
 - a. A reference to the relevant part of this ITB;
 - b. The heading for the provision under question; and
 - c. The page number of the ITB where the provision can be found; and
9. Click the “Submit” button.

Bidders submitting inquiries will receive an immediate acknowledgement that their inquiry has been received as well as an e-mail acknowledging receipt of the inquiry. Bidders will not receive a personalized e-mail response to their question, nor will they receive notification when the question has been answered.

Bidders may view inquiries and responses using the following process:

1. Access the State Procurement Web site at <http://www.ohio.gov/procure>;
2. From the Navigation Bar on the left, select “Find It Fast”;
3. Select “Doc/Bid/Schedule #” as the Type;
4. Enter the ITB Number found on Page 1 of the document;
5. Click “Find It Fast” button; and
6. On the document information page, click the “View Q & A” button to display all inquiries with responses submitted to date.

ODNR DOW will try to respond to all inquiries within 48 hours of receipt, excluding weekends and State holidays. ODNR DOW will not respond to any inquiries received after 8:00 A.M. EST on the inquiry end date.

Bidders are to base their ITB responses, and the details and costs of their proposed projects, on the requirements and performance expectations established in this ITB for the future acquisition, not on details of any other potentially related contract or project.

ODNR DOW is under no obligation to acknowledge questions submitted through the Q&A process if those questions are not in accordance with these instructions or deadlines.

COST SUMMARY
ELECTROFISHING BOATS, TRAILERS & ASSOCIATED EQUIPMENT
QUANTITY OF 2
 (Additional Copies May be Made)

Company Name: _____

Company Representative (Printed Name): _____

Company Representative (Signature): _____

Email: _____ Phone: _____

Electrofishing Boat/Motor/Trailer as Specified Specify Manufacturer/ Model Numbers	Price Each	Price Total (Electrofishing Boats)	Specify Warranty Term for Each Item
	\$	\$	
Electrofishing Control System as Specified Specify Manufacturer/ Model Numbers	Price Each	Price Total (Electrofishing Control System)	
Any Miscellaneous One-Time Costs for Items/Services not Identified in the Mandatory Specifications (Specify)	Price Each	Price Total	
	Delivery/Freight	\$	
		Bid Total	
		\$	