

Header 1



General Information Contact Default Values Discount Document Information Clarification Request

Procurement Folder: 1562536	SO Doc Code: ARFQ
Procurement Type: Agency Purchase Order	SO Dept: 0310
Vendor ID: <input type="text" value="000000230185"/>	SO Doc ID: DNR2500000004
Legal Name: SMITH ROOT INC	Published Date: 4/15/25
Alias/DBA:	Close Date: 4/22/25
Total Bid: \$533,547.00	Close Time: 13:30
Response Date: <input type="text" value="04/16/2025"/>	Status: Closed
Response Time: <input type="text" value="18:53"/>	Solicitation Description: <input type="text" value="WRS:(3) Electrofishing Box, Generator, Boat w/Motor, Trailer"/>
Responded By User ID: <input type="text" value="smithroot2"/>	Total of Header Attachments: 1
First Name: <input type="text" value="Tammy"/>	Total of All Attachments: 1
Last Name: <input type="text" value="Lucas"/>	
Email: <input type="text" value="procurement@smith-root.con"/>	
Phone: <input type="text" value="360-573-0202"/>	

April 14, 2025

RE: ARFQ 0310 DNR250000004 Smith-Root Electrofishing Boats

Dear James H Adkins,

Thank you for the opportunity to provide a quote for the Electrofishing Boat Package for DNR. Smith-Root, Inc (SRI) is a world leader in Electrofishing and environmental DNA (eDNA) sampling technology. SRI is the developer and sole producer of the SR-16HX and SR-20EHX turn-key Commercial Electrofishing Vessels. Our Research Electrofishing Boats are manufactured using proprietary arts from the SRI design team and distributed directly from our factory location in Vancouver, Washington USA. The SR-16HX and SR-20EHX Electrofishing Boats are turn-key commercial electrofishing vessels with the Apex Electrofishers built into the center console of the boat. Due to the high demand for our standard turn-key electrofishing vessels, we are not offering any custom economy style boat hull at this time, like the previous purchased boats during COVID times. Since these commercial electrofishing vessels are not custom economy hulls they meet or exceeds the specifications listed. In this bid packet, you will also notice a qty of 3 portable Apex Electrofishing control boxes that can be used with multiple units (Jon boat, barge, raft, etc). These units are in addition to the Apex Electrofishers that are built into the center consoles of the boats. SRI will be taking exceptions to the following requirements listed below.

Page 24 Section 3.3.5.3 Left side Throttle Control (boats requiring twin engines will have throttle controls on both sides of the console and not just left side.)

Page 24 Section 3.3.5.5 Heavy duty pedestal seat with under seat storage. (SRI boats are integrated with a captain's bench seat)

Page 26 Section 3.4.3 Must be between twenty-foot, and twenty-foot six inches in length. (SRI 20ft EHX is 20 foot 10 inches in length.)

Page 26 Section 3.4.6 Must have starboard side console with the following: (SRI consoles are positioned in the center of the boat for safety and stability.)

Page 26 Section 3.4.6.3 Right side Throttle Control (boats requiring twin engines will have throttle control on both sides of the console and not just Right side.)

Page 26 Section 3.4.6.5 Cross Bench with dual seats, one heavy duty pedestal seat for driver. (SRI boats are integrated with a captain's bench seat only.)

Page 26 Section 3.4.6.6 Under seat storage with lockable lid and drainage hole with plug. (SRI boats are integrated with a captain's bench seat that does not have under seat storage.)

Page 27 Section 3.4.6.13 Lockable glove box with key with a minimum of one spare key. (SRI boats aren't integrated with a glove box. There is a small box where the patch panel is located on the back of the command center console.)

Page 27 Section 3.4.9 Must have easily removable horizontal LiveWell in front of console with quick release latches or equivalent for removal. (SRI boats are designed with safety in mind and although the LiveWell is removable, quick release latches pose a safety risk when the LiveWell is full and therefore are not available with our boats.)

Page 27 Section 3.4.9.1 Minimum 90 gallon. (SRI 20ft EHX boat only offers a 74-gallon LiveWell due to size and length.)

Page 28 Section 3.4.22 Must have shallow water anchor. (due to weight and safety restrictions, shallow water anchors (power poles) are not available for SRI electrofishing boats.)

Page 29 Section 3.5.11.1 Must have roller bunks for Item 3.4 (The use of roller bunks invalidates the warranty of the SRI boat hull. See limited warranty policy.)

Since 1964 Smith-Root has continually produced the highest quality products for fisheries, fish-culture and invasive species control. Products include environmental DNA collection and detection products, backpack, boat and shore electrofishing equipment, electric fish-barriers, hatchery fish-stunning and sorting, fish counting, and electric-fish- handling gloves.

See attached quote# Q-22550-00 and bid packet. The current lead time is 540 days ARO or sooner.

UEI# PD45MS78A175

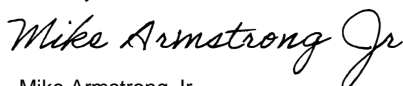
EIN -FED ID#: 91-0843323

CCR – 55158 Cage Code - Central Contact Registration SRI

Incorporated date: 3/26/1969

SRI Qualifies as Small Business with 40 employees (SBA Annual Receipts or average number of employees) Please let me know if you have any questions or need additional information.

Thank you,



Mike Armstrong Jr.

marmstrong@smith-root.com

360-573-0202x2112



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www.smith-root.com

Federal ID #91-0843323

Our Quotation # 022550-00

Quotation Valid Thru : 06/11/2025

Bill To: 003756

WV DEPT. OF NATURAL RESOURCES
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324 4th AVE
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Ship To:

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WILDLIFE RESOURCES SECTION
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Attention : JAMES ADKINS

Terms: NET 30

Quote Date	Your Request #	FOB	Ship Via	Salesperson
04/11/2025	ARFQ0310DNR25.4	VANCOUVER, WA	FREIGHT TRUCK	MA
Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
001	<p>12038 000 ELECTROFISHER SYS APEX CNTRL BOX INCLUDES: 11241 MANUAL 12037 APEX CONTROL BOX 12040 FOOTSWITCH 15FT CABLE 12042 ANODE CABLE 15 FT 12043 CATHODE CABLE 15 FT 12044 INPUT POWER CABLE 30A 10FT 12067 HAT SRI APEX 12095 APEX BOX CARRY CASE</p> <p>Generator requirements: Maximum Output: to reach maximum rated control box output, use an 8000 running watt 240 volt output. Continuous 240V at 33A 50/60Hz single phase. Smaller Generators: lower power generators can be used. Generators must be 240 VAC output. Unbonded: Generator must have un-bonded or floating neutral Plug: Standard plug twist lock 4-pin plug designed for 220-volt 30 amps, NEMA number L14-30P</p> <p>The APEX is the only electrofisher with built in scientific data monitoring and recording that allows the biologist to download the recorded data via flash drive for analyzing and mapping. This is not offered on any other electrofishing equipment in the world. The APEX Boat electrofisher records more than 24 hours of GPS, electrical input, electrical outputs, warning codes, and performance information for every second of electrofishing. Additionally, it is the only boat electrofisher to have a built in</p>	3.0000 EA	16,053.00	US\$ 48,159.00

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002	12054 000	BOAT SR-16HX ELECTROFISHER APEX COMMERCIAL ELECTROFISHING VESSEL USB port to download all electrofishing data while also allowing the upload of new software. See attached sole source letter. PRICE INCLUDES SHIPPING,HANDLING AND INSURANCE. APEX CONTROL BOX ONE SHIPPED TO: WVDNR District 1 Office 1110 Railroad St. Farmington, WV 26571 APEX CONTROL BOX TWO SHIPPED TO: WVDNR District 4 Office 2006 Robert C. Byrd Dr. Beckley, WV 25801 APEX CONTROL BOX THREE SHIPPED TO: WVDNR District 6 Office 76 Conservation Way Parkersburg, WV 26104 Smith-Root electrofishing commercial vessels are the only purpose-built electrofishing hulls in the world. They provide the highest degree of safety and utility because of their compensation for weight distribution and stability. In contrast to the traditional approach of simply adding an electrofisher box to an existing recreational hull, Smith-Root fully integrates the APEX electrofishing controls into the captain command station.	2.0000 EA	112,195.00	US\$ 224,390.00

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	<p>This provides utility across the most diverse environmental conditions and a broad range of fish sizes and species. Additionally, the APEX control box is the only electrofisher in the world that records electrical inputs and outputs, along with GPS location, date, and time for every second of electrofishing. The integrated USB drive allows for rapid downloading of electrofishing data for unparalleled electrofishing fleet standardization.</p> <p>* = unique to Smith-Root electrofishing vessels</p> <p>Engineered, manufactured, and fabricated at Smith-Root headquarters in Vancouver, Washington, USA*</p> <p>Commercial Hull Construction and Exterior</p> <ul style="list-style-type: none"> o 16HX-Model Heavy-Duty Semi-V Bow 10 degree to flat stern hull* o 80-inch beam, 28-inch sides, 25-inch transom, 16-foot, 8-inches long o Inside and outside all-welded seams o Custom-formed chine 6061-T6 aluminum to protect double welded bottom seams* o Heavy duty double "H" channel transom designed and built to resist damage that can happen in or out of the water * o Proprietary herring bone support/rib system that creates unparalleled hull flexibility for long term vessel safety and stability* o Pressed-in corrugations for structural strength and tracking* o Closed-cell marine grade polyurethane flotation foam is sprayed in along both sides and below the deck line offering upright, level flotation that exceeds the standards mandated by 			

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	the US Coast Guard* <ul style="list-style-type: none"> o Spray foam creates a watertight finish that protects the boat from corrosive condensation that happens while on the water. Spray foam also seals hollow hull areas from Aquatic Invasive Species; other manufacturers deliberately choose to leave vast inner hull and deck cavities empty. Hollow hull and deck areas create more noise and less structural support* o The extra foam delivers a noticeably stronger, quieter and more solid performance* o T bar welded bow eye at the front attachment point with two holes for securing the boat to a winch/trailer o 8" stern cleats with bolt on retractable trailer tie downs Boat Interior <ul style="list-style-type: none"> o Full integrated Captain's Command Center* o Large forward dry storage compartments with 2 lockable marine doors o Non-skid aluminum tread plate floor o All flooring is completely sealed using one level sturdy diamond plate decking* o Interior has industrial powder-coat finish for durability o 2-12-gallon built-in USCG and EPA Compliant fuel tanks for outboard engine* o Exterior fuel filling for ease at fueling stations* o Unique hull identification number o Integrated battery storage compartments* o Research vessel hull badges 			

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Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
	<ul style="list-style-type: none"> o LED Navigation lights o LED Headlights* o LED Backup lights* o LED Deck lights* o LED Livewell lights* o LED Workup lights* o Marine fuel filter o Fire extinguisher in a recessed flush mounted compartment o Bilge pump o Along the gunwales are tie-downs for securing nets, poles and other equipment. o Roomy walkways allow easy access to the full boat length on both sides. o Industrial strength powder coating on metal Captain Command Center, live well and generator engine housing provides durability and weather protection* o Noise deadening generator engine housing includes service accessibility hatch* o Includes Air-cooled Honda generator 7000 watts, 120/240V, Inverter Power, low sound emission. The generator runs the APEX electrofisher, work lights and the built-in battery charging system. Livewell o 63 gallons* o LED back lighting o All aluminum construction 			

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	<ul style="list-style-type: none"> o Tank fill pump flow through system (Rapid fill pump 25 gallons per minute)* o Custom stand pipe for rapid drainage and easy cleaning* o 4 corner aeration spray nozzles o Separation insert to split livewell into two compartments for multiple passes or species isolation* o 2 Hinged lids that are extra reinforced for long term durability* o Engineered at optimal distance from front work platform for rapid fish removal while electrofishing* <p>Captain Command Center</p> <ul style="list-style-type: none"> o Powder coated console provides durability and weather protection* o Center console with shatterproof windscreen* o Steering helm o Hydraulic steering system o Steering wheel spinner knob for rapid electrofishing maneuverability* o Right-Side-mounted throttle controls / Up-Charge for Left-Side o Power trim o Captains seating system* o Electronic Horn o LED Console lighting* o Integrated electrofisher controls* o Sonar depth/fish finding system* 			

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Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
	<ul style="list-style-type: none"> o Push button electric generator start o Headlight switch* o Backup light switch* o Deck light switch* o Livewell Island Workup light switch* o Navigation light switch o Bilge pump control (auto and manual)* o Integrated fuel gauge* o Fuel tank selector switch port & starboard* o 2 spare unassigned 15 Amp DC switches for custom use* o Integrated breaker panel* o Electrode output configuration panel* o Auxiliary foot pedal connector* o Foot pedal configuration switches* o 12-Volt DC accessory power plug* o Tank fill controls* o Recirculation controls* o Integrated electrofishing pedal controls* o Integrated Captain's electrofishing pedal* o 2 marine batteries charged by generator for onboard electronics* o Battery Charger integrated into the console o Integrated digital onboard battery voltmeter* o Heavy-duty canvas console cover provides weather protection* <p>Front Work Platform</p>			

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Item	Part / Rev / Description		Quantity Quoted	Unit Price	Extended Price
	<ul style="list-style-type: none"> o 2 integrated electrofishing kick switches (captain can select independent or simultaneous use)* o Safety Control Foot-Switch System allows for control by up to 5 crewmembers, meeting all State and Federal Safety Electrofishing Codes o All weather Dri-deck mat* o 2 x 12 Volt accessory plugs o UV all-weather line-x coating OSHA approved safety railing o Removeable bow safety railing for diverse work platform capabilities (OSHA approved) o LED lighting <p>Electrodes</p> <ul style="list-style-type: none"> o Custom pivoting boom clutches with three wing tension nuts* o 2 Custom anode booms with UV all-weather line-x coating * o Chain supports to provide safe deployment and depth management from work platform o 2 SAA-6 Anode arrays* o Custom cathode dropper array mounted around the outside front and sides of the work deck* <p>The APEX electrofisher is the most versatile electrofisher in the world because it incorporates the widest range of electrical inputs and outputs. This provides utility across the most diverse environmental conditions and a broad range of fish sizes and species. Additionally, the APEX is the only electrofisher in the</p>				

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Authorized Signature



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	<p>world that records electrical inputs and outputs, along with GPS location, date, and time for every second of electrofishing. The integrated USB drive allows for rapid downloading of electrofishing data for unparalleled electrofishing fleet standardization. Additionally, your APEX will always be up to date as it is the only electrofisher in the world where the end user can download the latest software and firmware onto a flash drive and easily upload just by plugging it into the unit. These features and qualifications provide unparalleled safety, standardization, cost reductions, and reporting of electrofishing efforts and research. Additionally, there is no need to purchase a high current and a low current electrofishing control box when purchasing the APEX.</p> <p>GPS Software comes with the APEX electrofisher. Google Earth Pro imports and exports GIS data.</p> <p>All stored data on the APEX will load onto the USB flash drive as a .csv file that can be opened in a spreadsheet program (i.e. Microsoft Excel).</p> <p>APEX Electrofisher and Controls Fully Integrated into the Captain Command Center</p> <p>APEX Electrofisher Records the following information for every second of electrofishing* Records the following information for every second of electrofishing*:</p> <ul style="list-style-type: none"> · Date (Month, Day, Year)* · Time (Hours, Minutes, Seconds)* · Resettable Timer (Seconds; up to 99,999 seconds)* · Peak Voltage (Volts)* 			

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	<ul style="list-style-type: none"> · Peak Current (Amps)* · Peak Power (Watts)* · Average Voltage (Volts)* · Average Current (Amps)* · Average Power (Watts)* · Primary/Secondary Waveform* · Waveform (Alternating Current, Direct Current, Pulsed Direct Current, Burst of Pulses Direct Current, Modified Alternating Current)* · Input Voltage (Volts)* · Input Duty Cycle (%)* · Input Frequency (Hz)* · GPS (Latitude, Longitude, Elevation, Accuracy)* · Temperature* o 12 programmable electrofishing "favorites" settings for saving output waveforms: recalls waveform, duty cycle, frequency, and voltage o Dual Output Channels o Waterproof connections, UV resistant o Positive locating keyways only terminate into correct receptacle o Input Power: 8,000 Watt continuous for max outputs; 240V 50/60hz 30A max generators (must have floating neutral) o Output Voltage: 0-1,200 VDC; 0-240 VAC rms 339 Vpeak o Output Current: 24 ADC continuous @ 250 VDC o Peak Output Current: 80 Amps (0-300 Volts), 40 Amps (300-600 Volts), 20 Amps (600-1,200 Volts) o Output Power: 7,200 Watts Continuous AC 			

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	<ul style="list-style-type: none"> o Peak Output Power: 24,000 Watts o Frequency Range (pulses per second; pps): 1-1,000 hertz (pps) in 1 hertz increments* o Duty Cycle: 1% to 100% in 1% increments o Timer: 0-99,999 Seconds* o Alarm: 60-3,600 seconds with alarm at end of count and reminder every 60 seconds thereafter* o Data Port: USB 2.0 for downloading stored data and uploading software and firmware updates* o Display: Sunlight readable 1,000 nits; Day/Night Mode; 5" 800x480 color LCD* o Automatic voltage range shifting for three ranges of voltage o Software protection for internal circuitry and overloading o Digital warnings display input and output errors o Data recall when generator is powered down o Digital metering of peak and average watts, amps, and volts o Hermetically sealed/splash resistant design o Cooling via convection through heat sink o Water resistant main breaker o External hardware gasketed and o-ringed for splash resistance o Single 5" color LCD screen monitors and displays*: <ul style="list-style-type: none"> · Resettable Timer (Seconds; up to 99,999 seconds) · Peak Voltage (Volts) outputs graphed for 3 minutes* · Peak Current (Amps) outputs graphed for 3 minutes* · Peak Power (Watts) outputs graphed for 3 minutes* · Average Voltage (Volts)* · Average Current (Amps)* 			

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	<ul style="list-style-type: none"> · Average Power (Watts)* · Primary/Secondary Waveform* · Waveform animation* · Input Voltage (Volts) · Input Duty Cycle (%) · Input Frequency (Hz) · GPS (Latitude, Longitude)* · Alarm (programmable seconds of effort alert)* · Input from generator · Software Version o Day and Night Mode for LCD screen* o System includes internal rechargeable battery that maintains display when generator is off o Light and tonal alert system to indicate that electrofisher is operating o GPS antenna* <p>Safety is a top priority for all electrofishing crews. We know that when providing safe equipment, we must not hinder your ability to accomplish your research objectives. Therefore, all safety features are designed and tested to only activate when dangerous opportunities arise. No other manufacturer of equipment matches the number of safety features while also leading the way in functionality. You get the comfort of successfully completing your research while using the safest equipment available.</p> <p>*Smith-Root manufactured boat hulls include a 2-year warranty</p>			

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 360-573-0202
 360-573-2064 FAX
 www.smith-root.com

Federal ID #91-0843323

Our Quotation # 022550-00

Quotation Valid Thru : 06/11/2025

Bill To: 003756

**WV DEPT. OF NATURAL RESOURCES
 DNR PROPERTY & PROCUREMENT OFFICE
 324 4th AVE
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 United States**

Ship To:

**WV DEPT. OF NATURAL RESOURCES
 WILDLIFE RESOURCES SECTION
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Attention : JAMES ADKINS

Terms: NET 30

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Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
003	12057 000 BOAT SR-20EHX ELECTROFISHER APEX COMMERCIAL ELECTROFISHING VESSEL *Smith-Root manufactured electrofishers and boat parts include a 1-year warranty *Honda Generator includes a 1-year warranty Smith-Root is an authorized Honda Dealer, and all OEM equipment warranties are applicable on the Honda generators sold by us. On or off the water the crew has technical support for the lifetime of the vessel. **See attached boat manual and sole source letter** PRICE INCLUDES: Freight, shipping, handling and insurance Upgraded Humminbird HELIX 8 CHIRP MEGA SI+ GPS G4N depth finders or equivalent High and Low Boom supports Smith-Root electrofishing commercial vessels are the only purpose-built electrofishing hulls in the world. They provide the highest degree of safety and utility because of their compensation for weight distribution and stability. In contrast to the traditional approach of simply adding an electrofisher box to an existing recreational hull, Smith-Root fully integrates the APEX electrofishing controls into the captain command station.	1.0000 EA	134,815.00	US\$ 134,815.00

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	<p>This provides utility across the most diverse environmental conditions and a broad range of fish sizes and species. Additionally, the APEX control box is the only electrofisher in the world that records electrical inputs and outputs, along with GPS location, date, and time for every second of electrofishing. The integrated USB drive allows for rapid downloading of electrofishing data for unparalleled electrofishing fleet standardization.</p> <p>The Extra Heavy-Duty White-Water V-Hull is designed for stability so that a fully equipped electrofishing boat will float approximately level and have less chance of capsizing. It is the perfect hull for sampling in open lake conditions where rougher water conditions are expected. It has 30in sides with additional storage in and under the gunwales. Also, along the gunwales are tie-downs for securing nets, poles and other equipment. Roomy walkways allow easy access to the full boat length on both sides.</p> <p>* = unique to Smith-Root electrofishing vessels</p> <p>Engineered, manufactured, and fabricated at Smith-Root headquarters in Vancouver, Washington, USA*</p> <p>Commercial Hull Construction and Exterior</p> <p>20EHX-Model Extra Heavy-Duty White-Water V-hull *</p> <ul style="list-style-type: none"> o 96-inch beam, 30-inch sides, 25-inch transom, 20-feet o Additional storage in and under the gunwales. o Inside and outside all-welded seams o Custom-formed chine 6061-T6 aluminum to protect double welded bottom seams* o Heavy duty double "H" channel transom designed and built 			

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Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
	to resist damage that can happen in or out of the water * <ul style="list-style-type: none"> o Support rib system is constructed of high-performance 6061 T-6 aluminum cross rib structural beams, that resists cracking due to stress and is rust and corrosion resistance. o Pressed-in corrugations for structural strength and tracking* o Closed-cell marine grade polyurethane flotation foam is sprayed in along both sides and below the deck line offering upright, level flotation that exceeds the standards mandated by the US Coast Guard* o Spray foam creates a watertight finish that protects the boat from corrosive condensation that happens while on the water. o Full length open side gunnels for equipment storage* o T bar welded bow eye at the front attachment point with two holes for securing the boat to a winch/trailer o 8" stern cleats with bolt on retractable trailer tie downs Boat Interior <ul style="list-style-type: none"> o Full integrated Captain's Command Center* o Large forward dry storage compartments with 2 lockable marine doors o Non-skid aluminum tread plate floor o All flooring is completely sealed using one level sturdy diamond plate decking* o Interior has industrial powder-coat finish for durability o 50-gallon built-in USCG and EPA Compliant fuel tank for outboard engine* o Exterior fuel filling for ease at fueling stations* 			

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Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
	<ul style="list-style-type: none"> o Unique hull identification number o Integrated battery storage compartments* o Research vessel hull badges o LED Navigation lights o LED Headlights* o LED Backup lights* o LED Deck lights* o LED Livewell lights* o LED Workup lights* o Marine fuel filter o Fire extinguisher in a recessed flush mounted compartment o Bilge pump o Along the gunwales are tie-downs for securing nets, poles and other equipment, with additional full length open sides storage in the gunwales. o Roomy walkways allow easy access to the full boat length on both sides. o Industrial strength powder coating on metal Captain Command Center, live well and generator engine housing provides durability and weather protection* o Noise deadening generator engine housing includes service accessibility hatch* o Includes Air-cooled Honda generator 7000 watts, 120/240V, Inverter Power, low sound emission. The generator runs the APEX electrofisher, work lights and the built-in battery charging system. <p>Livewell</p>			

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Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
	<ul style="list-style-type: none"> o 74 gallons* o LED back lighting o All aluminum construction o Tank fill pump flow through system (Rapid fill pump 25 gallons per minute)* o Custom stand pipe for rapid drainage and easy cleaning* o 4 corner aeration spray nozzles o Separation insert to split livewell into two compartments for multiple passes or species isolation* o 2 Hinged lids that are extra reinforced for long term durability* o Engineered at optimal distance from front work platform for rapid fish removal while electrofishing* <p>Captain Command Center</p> <ul style="list-style-type: none"> o Powder coated console provides durability and weather protection* o Center console with shatterproof windscreen* o Steering helm o Hydraulic steering system o Steering wheel spinner knob for rapid electrofishing maneuverability* o Right-Side-mounted throttle controls / Up-Charge for Left-Side o Power trim o Captains seating system* 			

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	<ul style="list-style-type: none"> o Electronic Horn o LED Console lighting* o Integrated electrofisher controls* o Sonar depth/fish finding system* o Push button electric generator start o Headlight switch* o Backup light switch* o Deck light switch* o Livewell Island Workup light switch* o Navigation light switch o Bilge pump control (auto and manual)* o Integrated fuel gauge* o Fuel tank selector switch port & starboard* o 2 spare unassigned 15 Amp DC switches for custom use* o Integrated breaker panel* o Electrode output configuration panel* o Auxiliary foot pedal connector* o Foot pedal configuration switches* o 12-Volt DC accessory power plug* o Tank fill controls* o Recirculation controls* o Integrated electrofishing pedal controls* o Integrated Captain's electrofishing pedal* o 2 marine batteries charged by generator for onboard electronics* o Battery Charger integrated into the console o Integrated digital onboard battery voltmeter* o Heavy-duty canvas console cover provides weather 			

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	protection* Front Work Platform o 2 integrated electrofishing kick switches (captain can select independent or simultaneous use)* o Safety Control Foot-Switch System allows for control by up to 5 crewmembers, meeting all State and Federal Safety Electrofishing Codes o All weather Dri-deck mat* o 2 x 12 Volt accessory plugs o UV all-weather line-x coating OSHA approved safety railing o Removeable bow safety railing for diverse work platform capabilities (OSHA approved) o LED lighting Electrodes o Custom pivoting boom clutches with three wing tension nuts* o 2 Custom anode booms with UV all-weather line-x coating * o Chain supports to provide safe deployment and depth management from work platform o 2 SAA-6 Anode arrays* o Custom cathode dropper array mounted around the outside front and sides of the work deck* The APEX electrofisher is the most versatile electrofisher in the			

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	<p>world because it incorporates the widest range of electrical inputs and outputs. This provides utility across the most diverse environmental conditions and a broad range of fish sizes and species. Additionally, the APEX is the only electrofisher in the world that records electrical inputs and outputs, along with GPS location, date, and time for every second of electrofishing. The integrated USB drive allows for rapid downloading of electrofishing data for unparalleled electrofishing fleet standardization. Additionally, your APEX will always be up to date as it is the only electrofisher in the world where the end user can download the latest software and firmware onto a flash drive and easily upload just by plugging it into the unit. These features and qualifications provide unparalleled safety, standardization, cost reductions, and reporting of electrofishing efforts and research. Additionally, there is no need to purchase a high current and a low current electrofishing control box when purchasing the APEX.</p> <p>GPS Software comes with the APEX electrofisher. Google Earth Pro imports and exports GIS data.</p> <p>All stored data on the APEX will load onto the USB flash drive as a .csv file that can be opened in a spreadsheet program (i.e. Microsoft Excel).</p> <p>APEX Electrofisher and Controls Fully Integrated into the Captain Command Center</p> <p>APEX Electrofisher Records the following information for every second of electrofishing* Records the following information for every second of electrofishing*:</p>			

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	<ul style="list-style-type: none"> · Date (Month, Day, Year)* · Time (Hours, Minutes, Seconds)* · Resettable Timer (Seconds; up to 99,999 seconds)* · Peak Voltage (Volts)* · Peak Current (Amps)* · Peak Power (Watts)* · Average Voltage (Volts)* · Average Current (Amps)* · Average Power (Watts)* · Primary/Secondary Waveform* · Waveform (Alternating Current, Direct Current, Pulsed Direct Current, Burst of Pulses Direct Current, Modified Alternating Current)* · Input Voltage (Volts)* · Input Duty Cycle (%)* · Input Frequency (Hz)* · GPS (Latitude, Longitude, Elevation, Accuracy)* · Temperature* o 12 programmable electrofishing "favorites" settings for saving output waveforms: recalls waveform, duty cycle, frequency, and voltage o Dual Output Channels o Waterproof connections, UV resistant o Positive locating keyways only terminate into correct receptacle o Input Power: 8,000 Watt continuous for max outputs; 240V 50/60hz 30A max generators (must have floating neutral) o Output Voltage: 0-1,200 VDC; 0-240 VAC rms 339 Vpeak 			

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	<ul style="list-style-type: none"> o Output Current: 24 ADC continuous @ 250 VDC o Peak Output Current: 80 Amps (0-300 Volts), 40 Amps (300-600 Volts), 20 Amps (600-1,200 Volts) o Output Power: 7,200 Watts Continuous AC o Peak Output Power: 24,000 Watts o Frequency Range (pulses per second; pps): 1-1,000 hertz (pps) in 1 hertz increments* o Duty Cycle: 1% to 100% in 1% increments o Timer: 0-99,999 Seconds* o Alarm: 60-3,600 seconds with alarm at end of count and reminder every 60 seconds thereafter* o Data Port: USB 2.0 for downloading stored data and uploading software and firmware updates* o Display: Sunlight readable 1,000 nits; Day/Night Mode; 5" 800x480 color LCD* o Automatic voltage range shifting for three ranges of voltage o Software protection for internal circuitry and overloading o Digital warnings display input and output errors o Data recall when generator is powered down o Digital metering of peak and average watts, amps, and volts o Hermetically sealed/splash resistant design o Cooling via convection through heat sink o Water resistant main breaker o External hardware gasketed and o-ringed for splash resistance o Single 5" color LCD screen monitors and displays*: <ul style="list-style-type: none"> · Resettable Timer (Seconds; up to 99,999 seconds) · Peak Voltage (Volts) outputs graphed for 3 minutes* 			

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	<ul style="list-style-type: none"> · Peak Current (Amps) outputs graphed for 3 minutes* · Peak Power (Watts) outputs graphed for 3 minutes* · Average Voltage (Volts)* · Average Current (Amps)* · Average Power (Watts)* · Primary/Secondary Waveform* · Waveform animation* · Input Voltage (Volts) · Input Duty Cycle (%) · Input Frequency (Hz) · GPS (Latitude, Longitude)* · Alarm (programmable seconds of effort alert)* · Input from generator · Software Version o Day and Night Mode for LCD screen* o System includes internal rechargeable battery that maintains display when generator is off o Light and tonal alert system to indicate that electrofisher is operating o GPS antenna* <p>Safety is a top priority for all electrofishing crews. We know that when providing safe equipment, we must not hinder your ability to accomplish your research objectives. Therefore, all safety features are designed and tested to only activate when dangerous opportunities arise. No other manufacturer of equipment matches the number of safety features while also leading the way in functionality. You get the comfort of</p>			

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	<p>successfully completing your research while using the safest equipment available.</p> <p>*Smith-Root manufactured boat hulls include a 2-year warranty *Smith-Root manufactured electrofishers and boat parts include a 1-year warranty *Honda Generator includes a 1-year warranty</p> <p>Smith-Root is an authorized Honda Dealer, and all OEM equipment warranties are applicable on the Honda generators sold by us.</p> <p>On or off the water the crew has technical support for the lifetime of the vessel.</p> <p>**See attached boat manual and sole source letter**</p> <p>PRICE INCLUDES: Freight, shipping, handling and insurance Upgraded Humminbird HELIX 8 CHIRP MEGA SI+ GPS G4N depth finders or equivalent Washdown pump/hose system One extra backup SAA-6 array High and Low Boom supports</p>			

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Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
004	06661 000 ENGINE 90HP OUTBOARD MERCURY MOTOR Twin 90HP Mercury Command Thrust Four Stroke engines, electric start, extra-long shaft (25 inches) includes hydraulic power steering, electric start, power tilt & trim, controls and aluminum prop. One right and one left hand outboard throttle controls are standard with twin engines *Mercury engines include a Government 3-year warranty*	4.0000 EA	12,585.00	US\$ 50,340.00
005	000 ENGINE 115HP OUTBOARD MERCURY MOTOR Twin 115HP Mercury Command Thrust Four Stroke engines, electric start, extra-long shaft (25 inches) includes hydraulic power steering, electric start, power tilt & trim, controls and aluminum prop. One right and one left hand outboard throttle controls are standard with twin engines *Mercury engines include a Government 3-year warranty*	2.0000 EA	13,488.00	US\$ 26,976.00
006	07904 001 TRAILER TANDEM ALUM I-BEAM SR16+HX Tandem axel, bunk trailer, aluminum I-Beam frame for easy aquatic invasive species inspections, disc brakes on both axles, 7-way connector, heavy duty tongue jack with wheel, adjustable winch and strap, Heavy duty fenders, Premium Wheels, waterproof LED low profile light kit, spare tire & mount. Includes:	2.0000 EA	14,324.00	US\$ 28,648.00

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007	07904-EH 001 TRAILER TANDEM ALUM I-BEAM 18+EHX 2-inch coupler minimum 36" guide bunks. metal fenders with anti-slip pads. minimum 13" wheels. Trailer tires must be 10-ply. Tandem axel, bunk trailer, aluminum I-Beam frame for easy aquatic invasive species inspections, disc brakes on both axles, 7-way connector, heavy duty tongue jack with wheel, adjustable winch and strap, Heavy duty fenders, Premium Wheels, waterproof LED low profile light kit, spare tire & mount. Includes: 2-inch coupler minimum 36" guide bunks. metal fenders with anti-slip pads. minimum 13" wheels. Trailer tires must be 10-ply.	1.0000 EA	15,899.00	US\$ 15,899.00
008	10334 000 BAR STEERING TIE DUAL OUTBOARD	3.0000 EA	1,440.00	US\$ 4,320.00
009	SAFETY NS Safety training free of charge Includes virtual training via zoom for the crew. Training in Safety Certification, Service and Maintenance, Apex and Boat Operation shall be provided after delivery and not to exceed one (1) year from the date of delivery.	1.0000 EA	0.00	US\$ 0.00

ORIGINAL



Smith-Root, Inc.
 16603 NE 50th Ave
 Vancouver, WA 98686
 360-573-0202
 360-573-2064 FAX
 www.smith-root.com

Federal ID #91-0843323

Our Quotation # 022550-00

Bill To: 003756

**WV DEPT. OF NATURAL RESOURCES
 DNR PROPERTY & PROCUREMENT OFFICE
 324 4th AVE
 SOUTH CHARLESTON WV 25303-1228
 United States**

Ship To:

**WV DEPT. OF NATURAL RESOURCES
 WILDLIFE RESOURCES SECTION
 324 4TH AVE
 SOUTH CHARLESTON WV 25303
 United States**

Attention : JAMES ADKINS

Quote Date	Your Request #	FOB	Ship Via	Salesperson
04/11/2025		VANCOUVER, WAA	FREIGHT TRUCK	MA
Item	Part / Rev / Description	Quantity Quoted	Unit Price	Extended Price
	PRICE IS FIXED AND FIRM. Thanks again for your interest in our company as one of your suppliers. This Quote and subsequent purchase is to be governed and construed in accordance with the terms included herein, as well as Smith-Root, Inc.'s Return and Refund Policies and Limitations, found at: https://www.smith-root.com/about/legal/merchandise-return-and-refund-policy/ Mike Armstrong Jr. Sales Associate Smith-Root, Inc. Solutions for Aquatic Conservation 16603 NE 50th Ave Vancouver, Washington 98686, USA marmstrong@smith-root.com (360) 573-0202 x 2112 www.smith-root.com		Freight Tax Quote Total	US\$ 533,547.00 US\$ 0.00 US\$ 533,547.00

ORIGINAL

April 14, 2025

RE: 16HX Apex Electrofishing Boat
Sole Source Information

The Smith-Root SR-16HX APEX Electrofishing Boat is not available from any other source. All Smith-Root Fabricated boats are sold factory direct from our location in Vancouver, Washington. Our turnkey ready boats are the only fully integrated electrofishing boats on the market with the boat built around the electrofisher and integrated into a captain command station. This provides safety and stability that cannot be offered in vessels where an electrofisher is simply added to a repurposed recreational boat hull.

Smith-Root designs and manufactures electronic research equipment used for fisheries research. The Smith-Root SR-16HX APEX Electrofishing Boat is manufactured from proprietary designs and specifications that have evolved from over 60 years of manufacturing experience. Smith-Root's boat hulls are the only hulls manufactured specifically for electrofishing boats, and therefore provide the highest degree of safety and utility because of their compensation for weight distribution and stability. Additionally, the dual axel trailer bunks for the SR16HX Apex Electrofishing Boat are specifically designed in conjunction with the boat hull to maintain structural integrity and proper towing. Finally, the outboard motors are integrated at our fabrication shop to ensure proper fit and alignment for longevity of the transom and hull integrity.

The SR-16HX is a heavy-duty electrofishing workboat hull designed to provide safe and stable working conditions. This vessel provides the fisheries researcher with the utmost in electrofishing efficiency, safety, and equipment reliability. No other electrofishing vessel offers 0.125-inch-thick sides and bottom marine grade 5052 aluminum and forced extrusion chine material to protect double welds along angled seams. Smith-Root's proprietary herring bone support/rib system creates unparalleled hull flexibility for long term vessel safety and stability. Closed-cell marine grade polyurethane flotation foam is sprayed in along both sides and below the deck line offering upright, level flotation that exceeds the standards mandated by the US Coast Guard. Spray foam creates a watertight finish that protects the boat from corrosive condensation that happens while on the water. Spray foam also seals hollow hull areas from Aquatic Invasive Species; other manufacturers deliberately choose to leave vast inner hull and deck cavities empty. Hollow hull and deck areas create more noise and less structural support.

The Smith-Root APEX electrofishing system is not available from any other source in the United States or at a reduced price. As the majority of our sales are to government agencies, we are required to sell to everyone at the same price.

No other company manufactures a boat electrofisher with the capabilities of the APEX Boat electrofisher. This equipment allows for hundreds of thousands of different electrical output combinations. The Programmable Output Waveform concept is patented by Smith-Root and not available from any other source, providing access to the most effective and safe output waveforms available. Additionally, the APEX is readily available to receive any future software improvements through email, therefore providing the simplest and lowest cost access to any newly developed waveforms and capabilities in the future.

The APEX is the only electrofisher with built in scientific data monitoring and recording that allows the biologist to download the recorded data via flash drive for analyzing and mapping. This is not offered on any other electrofishing equipment in the world. The APEX Boat electrofisher records more than 24 hours of GPS,

electrical input, electrical outputs, warning codes, and performance information for every second of electrofishing. Additionally, it is the only boat electrofisher to have a built in USB port to download all electrofishing data while also allowing the upload of new software.

The ability to record and download is important when reviewing data to help standardize electrofishing methodologies for your specific sampling events. Within the AFS standards methods book (2009), Miranda identifies major factors that must be controlled when standardizing for electrofishing assessments. These factors include characteristics of the waveform (square DC, AC, rectified DC, etc.) and power transferred to the fish (Peak Power). The APEX unit is the only electrofisher to allow for second-by-second monitoring of these factors over the period of sampling and therefore allows for superior scientific data and standardization.

The APEX is also the only electrofisher to provide on-screen active waveform visualization, graphs of output performance, GPS coordinates, and alarm mode to inform users about their defined effort limits. Further, the APEX is the only electrofisher with onboard tutorials and help screens describing voltage, duty cycle, and frequency outputs to educate users while in the field about appropriate electrofishing settings. These characteristics help achieve improved personnel safety, fish health safety, and meeting of scientific objectives.

Not only is the APEX Boat Electrofishing System the most advanced electrofisher in the world, but it also singularly provides the electrical output capabilities that would require the purchase of two of the other manufacturers' Electrofishers. Therefore, the APEX saves you money while also expanding your research capabilities. The APEX is the only electrofisher engineered to provide 80 amps of peak output amperage when using lower voltage ranges, while also maintaining the ability to go up to 1,200 volts. No other electrofisher allows this range of output capabilities. Electrofishers from alternative manufacturers are significantly limited in their capabilities when compared to the APEX because of components that limit the output to only 40 amps at lower voltages, or by limiting voltage to 600 volts on equipment that goes to 80 amps. Therefore, without an APEX you are required to purchase and carry around multiple electrofishing control boxes when switching between waterbodies of varying conductivities. Alternatively, the APEX is designed to successfully operate across the widest range of water conductivities with one electrofisher. Smith-Root Advantage: you capture fish successfully across the widest range of water conductivities with only one electrofishing control box, therefore saving you money and expanding your research capabilities.

Smith-Root has engineering, scientific fabrication, and technical staff available by telephone during business hours to assist with any questions during the use of the electrofishing equipment. We are also the only electrofishing vessel manufacturer who offers electrofishing safety and certification courses to help educate practitioners and provide information about maintaining the reliability and integrity of electrofishing vessels.

Thank you for your interest in our equipment. If you have any questions or if you need additional information, Please contact Smith-Root, Inc.

Sincerely,

Mike Armstrong Jr.
marmstrong@smith-root.com
360-573-0202 X 2112



April 14, 2025

**RE: 20EHX Apex Extra Heavy-Duty Modest- V Bow Hull Commercial Electrofishing Boat
Sole Source Information**

The Smith-Root SR-20EHX APEX Extra Heavy Electrofishing Boat is not available from any other source. All Smith-Root fabricated boats are sold factory direct from our location in Vancouver, Washington USA. Our turnkey ready Boats are the only fully integrated electrofishing boats on the market with the boat built around the electrofisher and integrated into a captain command station. This provides safety and stability that cannot be offered in vessels where an electrofisher is simply added to a repurposed recreational boat hull.

Smith-Root designs and manufactures electronic research equipment used for fisheries research. The Smith-Root SR-20EHX APEX Extra Heavy Electrofishing Boat is manufactured from proprietary designs and specifications that have evolved from over 60 years of manufacturing experience. Smith-Root's boat hulls are the only hulls manufactured specifically for electrofishing boats, and therefore provide the highest degree of safety and utility because of their compensation for weight distribution and stability. Additionally, the dual axel trailer bunks for the SR-20EHX Apex Electrofishing Boat are specifically designed in conjunction with the boat hull to maintain structural integrity and proper towing. Finally, the outboard motors are integrated at our fabrication shop to ensure proper fit and alignment for longevity of the transom and hull integrity.

The SR-20EHX is an extra heavy-duty electrofishing workboat with a modest 20° V-Hull for superior handling abilities at high speeds. The bow is a modified "V" design giving good lift and wave splitting action in rough water. This feature also provides safe and stable working conditions in white water. This boat provides the fisheries researcher with the utmost in electrofishing efficiency, safety, and equipment reliability. No other electrofishing vessel offers 0.187 inch bottom thickness and 0.125 inch side thickness marine grade 5052 aluminum and forced extrusion chine material to protect double welds along angled seams.

The Smith-Root APEX electrofishing system is the most versatile electrofisher available on the market. The high input power paired with the flexible output capabilities provide for electrofishing in the widest range of environmental conditions. The APEX is the only electrofisher to store date, time, GPS location, elevation, electrical inputs, electrical outputs, internal temperature, warning codes, and performance information for every second of electrofishing. Additionally, it is the only electrofisher to have a built in USB port to download all electrofishing data while also allowing the upload of new software and firmware. Further, it is the only electrofisher with on-screen active waveform visualization, graphs of output performance, GPS coordinates, and alarm mode to inform about user-defined effort limits. The APEX is the only electrofisher with onboard tutorials describing waveform, voltage, duty cycle, and frequency outputs to educate users while in the field about appropriate electrofishing settings.

Smith-Root has engineering, scientific fabrication, and technical staff available by telephone during business hours to assist with any questions during the use of the electrofishing equipment. We are also the only electrofishing vessel manufacturer who offers electrofishing safety and certification courses to help educate practitioners and provide information about maintaining the reliability and integrity of electrofishing vessels.

Thank you for your interest in our equipment. If you have any questions or if you need additional information, please contact Smith-Root, Inc.

Regards,
Mike Armstrong Jr.
marmstrong@smith-root.com
360-573-0202/2112

LIMITED WARRANTY – BOAT PARTS AND BOAT HULLS

SMITH-ROOT, INC. (SRI) provides this limited warranty for SRI manufactured boat parts and SRI manufactured boat hulls to the Purchaser, not including electrofishing products which are subject to SRI's standard limited product warranty. This warranty is not assignable or transferrable to any party.

Solely for the benefit of the original Purchaser, SRI warrants all new SRI manufactured boat parts and SRI manufactured boat hulls of its manufacture to be free from defects in material, workmanship and wiring and will replace or repair, at its factories in Vancouver, WA, or at another location designated by SRI:

1) any SRI manufactured boat parts including material defects, returned at the Purchaser's expense, within one (1) year from the date of the purchase by the original Purchaser, if following SRI's examination, the SRI manufactured boat part(s) have failed under normal use, service and non-corrosive application/storage by Purchaser.

2) any SRI manufactured boat hulls including defects in workmanship and wiring, returned at the Purchaser's expense, within two (2) years from the date of the purchase by the original Purchaser, if following SRI's examination, the SRI manufactured boat hull has failed under normal use, service and non-corrosive application/storage by the Purchaser.

SRI's obligation under this warranty is conditioned upon SRI receiving proper written notice of claimed defects and following consultation with SRI prior to shipment by the Purchaser, which shall in no event be later than the one (1) year warranty period for material defects, or the two (2) year warranty period for workmanship or wiring defects and is limited to repair or replacement at SRI's sole discretion.

Repair or replacement of SRI manufactured boat parts or SRI manufactured boat hulls covered by this warranty shall be free of extra charges for all items and shall be return shipped pre-paid by SRI. Any repairs or replacement parts provided are subject to the warranty period and terms and conditions as stated herein.

SRI makes no warranty with respect to parts, accessories, or components manufactured by others. Any warranty which applies to parts, accessories, or components manufactured by others is the warranty offered by the respective manufacturer only.

This warranty does not apply to SRI manufactured boat parts and SRI manufactured boat hulls which have been altered or repaired outside of an SRI factory (unless authorized by SRI), or damaged by improper installation, application, storage, or subjected to misuse, abuse, neglect, or accident. This warranty also does not apply to SRI manufactured boat parts and SRI manufactured boat part hulls which have been transported using trailers other than those specified and/or provided by SRI. **USE OF A TRAILER WITH ROLLERS INVALIDATES THIS WARRANTY, EVEN IF REQUESTED BY THE PURCHASER AND SUPPLIED BY SRI.**

SRI shall not be responsible for any in-transit damage to SRI manufactured boat parts or SRI manufactured boat hulls unless inspection clearly reveals defective packaging where SRI was responsible for packaging. SRI will assist any Purchaser or consignee of SRI manufactured boat parts or SRI manufactured boat hulls, seeking recovery from a carrier for in-transit damage to SRI manufactured boats parts or SRI manufactured boat hulls shipped by SRI, and will, to the extent necessary, assign claims to said Purchaser or consignee wherever required in order to provide said Purchaser or consignee with complete recourse against said carrier.

This warranty is expressly made by SRI and accepted by Purchaser in lieu of all other warranties, including WARRANTIES OF MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, whether written or oral, express, implied, or statutory. SRI neither assumes nor authorizes any other person to assume for it any other liabilities with respect to SRI manufactured boat parts or SRI manufactured boat hulls. SRI shall not be liable for normal wear and tear nor for any contingent, incidental or consequential damage(s) or expense(s) due to partial or complete inoperability of SRI manufactured boat parts or SRI manufactured boat hulls for any reason whatsoever.

Purchaser consents that any dispute between SRI and Purchaser pursuant to this warranty will be governed by the laws of the State of Washington, without regard to its conflict of laws principles. Purchaser consents to the exclusive jurisdiction of and venue in the state and federal courts located in the State of Washington, Clark County.

Any dispute or claim that arises out of or that relates to this warranty, or to the interpretation or breach thereof, or to the existence, scope, or validity of this agreement or the arbitration agreement, shall be resolved by arbitration in accordance with the then effective arbitration rules of (and by filing a claim with) Arbitration Service of Portland, Inc., and judgment upon the award rendered pursuant to such arbitration may be entered in any court having jurisdiction thereof.

Upon buying SRI manufactured boat parts or SRI manufactured boat hulls, Purchaser expressly agrees to the foregoing warranty, including limitation of remedies, and expressly waives any and all other warranties or undertakings with respect to SRI manufactured boat parts or SRI manufactured boat hulls.

LIMITED PRODUCT WARRANTY

Smith-Root provides this limited warranty to the Purchaser of this electrofishing product. This warranty is not assignable or transferable to any party.

Smith-Root, Inc. warrants that this Product is free from defects in material and workmanship that would result in Product failure during normal usage, according to the following terms and conditions:

The Product must be purchased from Smith-Root, Inc. or an authorized distributor.

For general Product sales, the limited warranty for the Product extends for the length of ownership beginning on the date of the purchase of the Product by the original Purchaser for a period of 1 year with the exception of the LR-24 Electrofisher which includes a 3 year limited warranty on the Electrofisher only. (does not include poles, electrodes, rattails, chargers and batteries)

For Electroanesthesia and Barrier Product sales, the limited warranty for the Product extends for the length of ownership beginning on the date of Product commissioning or ninety (90) days from the date of the purchase of the Product by the original Purchaser, whichever occurs first, for a period of 1 year.

The Purchaser of the Product assumes responsibility for the care and maintenance of the Product beginning on the date the Purchaser takes possession of the Product.

During the limited warranty period, Smith-Root, Inc. will repair, or replace, any defective parts, or any parts with new or refurbished replacement items if such repair or replacement is needed because of product malfunction or failure during normal usage. This warranty does not cover damage due to normal wear and tear. This warranty does not cover damage to the Product due to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, and immersing the Product in a lake or a stream. This warranty does not cover unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or battery leakage, theft, blown fuse, or improper use of any electrical source, or damage caused by the connection to other products. This warranty does not cover damage caused by shipping by the Purchaser. This warranty does not cover damaged from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake or damage from exposure to weather conditions, or an Act of God.

This limited warranty does not cover consumable items that are sold with or are part of the Product. Consumable items include, but are not limited to: batteries, suspension systems, rat tails, battery chargers, electrode poles, electrode rings, footswitch, dip nets, carry cases, accessory items, and/or suspension systems.

All claims under this warranty must be made in writing to Smith-Root, Inc. within 30 days of the alleged defect or malfunction of the Product. All claims must be made by first contacting the Customer Service Department at Smith-Root, Inc. and following the written instructions provided by a Smith-Root, Inc.'s representative.

The Purchaser shall bear the cost of shipping the Product to Smith-Root, Inc. Smith-Root, Inc. shall bear the cost of shipping the Product back to the Purchaser provided that the damage was covered under this limited warranty. The Purchaser is responsible for any and all parts or labor charges not covered by this limited warranty. Product is not covered under the terms and conditions of this limited warranty, the Purchaser will be notified and given an estimate of the charges the Purchaser must pay to have the Product repaired, with all shipping charges billed to the Purchaser. If the estimate is refused, the Product will be returned freight collect.

Smith-Root, Inc. at its sole option, in lieu of repair, may provide a replacement Product or refund the purchase price of the Product.



Smith-Root, Inc. at its sole option and in the course of a warranty repair, may install reconditioned components that are in compliant with product performance and reliability specifications.

ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. SMITH-ROOT, INC. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CUSTOMERS and INJURY TO PROPERTY, RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, EVEN IF SMITH-ROOT, INC. KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. SMITH-ROOT, INC. SHALL NOT BE LIABLE FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS OF USE DURING THE PERIOD THAT THE PRODUCT IS BEING REPAIRED.

PURCHASER ACKNOWLEDGES THAT THE PRODUCT GENERATES HIGH VOLTAGES AND/OR CURRENTS FOR USE IN WATER. PURCHASER FURTHER RECOGNIZES THAT THE PRODUCT SHOULD ONLY BE USED BY A PERSON SKILLED IN THE USE OF ELECTRO-FISHING EQUIPMENT. SMITH-ROOT ACCEPTS NO RESPONSIBILITY FOR THE TRAINING OF THE PURCHASER OR THE PURCHASER'S AGENT, EMPLOYEE'S AND/OR CONTRACTORS IN THE USE OF THIS PRODUCT.

Smith-Root, Inc. neither assumes nor authorizes any authorized service center or any other person or entity to assume for it any other obligation or liability beyond that which is expressly provided for in this limited warranty including the provider or seller of any extended warranty or service agreement.

This is the entire warranty between the Smith-Root, Inc. and the Purchaser and supersedes all prior and contemporaneous agreements or understandings, oral or written, relating to the Product and no representation, promise or condition not contained herein shall modify these terms.

Purchaser consents that any dispute between Smith-Root, Inc and Purchaser pursuant to the purchase of the Product will be governed by the laws of the State of Washington, without regard to its conflict of laws principles. Purchaser consents to the exclusive jurisdiction of and venue in the state and federal courts located in the State of Washington, Clark County.

Any dispute or claim that arises out of or that relates to this warranty, or to the interpretation or breach thereof, or to the existence, scope, or validity of this agreement or the arbitration agreement, shall be resolved by arbitration in accordance with the then effective arbitration rules of (and by filing a claim with) Arbitration Service of Portland, Inc., and judgment upon the award rendered pursuant to such arbitration may be entered in any court having jurisdiction thereof.

The above limited warranty is effective July 6, 2015.



**State of West Virginia
Agency Request for Quote
Equipment**

Proc Folder: 1562536		Reason for Modification:	
Doc Description: WRS:(3) Electrofishing Box, Generator, Boat w/Motor, Trailer		Addendum	
Proc Type: Agency Purchase Order		Addendum No. 01 is issued to publish and distribute the attached information to the Vendor Community.	
Date Issued	Solicitation Closes	Solicitation No	Version
2025-04-15	2025-04-22 13:30	ARFQ 0310 DNR2500000004	2

BID RECEIVING LOCATION

BID RESPONSE
 DIVISION OF NATURAL RESOURCES
 PROPERTY & PROCUREMENT OFFICE
 324 4TH AVE
 SOUTH CHARLESTON WV 25303-1228
 US

VENDOR

Vendor Customer Code:
Vendor Name : Smith-Root.Inc
Address :16603 NE 50th Ave
Street :
City : Vancouver
State : WA **Country :** USA **Zip :** 98686
Principal Contact : Mike Armstrong Jr.
Vendor Contact Phone: 360-573-0202 **Extension:** 2112

FOR INFORMATION CONTACT THE BUYER
 James H Adkins
 (304) 558-3397
 jamie.h.adkins@wv.gov

Vendor Signature X *Mike Armstrong Jr* **FEIN#** 91-0843323 **DATE** 4/15/25

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Division of Natural Resources - Wildlife Resources Section is soliciting bids to establish a contract for the one-time purchase of three (3) complete Electrofishing Boat Mounted Systems (electrofishing box, generator, boat, outboard motor, and trailer). One each being delivered to the following District Offices in WV: D3 in French Creek, D4 in Beckley, and D6 located in Parkersburg, WV.

INVOICE TO		SHIP TO	
DIVISION OF NATURAL RESOURCES		VARIOUS AGENCY LOCATIONS	
WILDLIFE RESOURCES SECTION		AS INDICATED BY ORDER	
324 4TH AVE			
SOUTH CHARLESTON	WV	No City	WV
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Electrofishing Box, New and Unused	3.00000	EA	\$16053.00 ea	/\$48,159.00

Comm Code	Manufacturer	Specification	Model #
21110000	Smith-Root Inc		Portable Apex Control Box

Extended Description:
Per specifications outlined in 3.1

INVOICE TO		SHIP TO	
DIVISION OF NATURAL RESOURCES		VARIOUS AGENCY LOCATIONS	
WILDLIFE RESOURCES SECTION		AS INDICATED BY ORDER	
324 4TH AVE			
SOUTH CHARLESTON	WV	No City	WV
US		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Generator, New and Unused	3.00000	EA	N/A: Included in cost of boat	

Comm Code	Manufacturer	Specification	Model #
26111600	Honda		EU7000iS Inverter

Extended Description:
Per specifications outlined in 3.2

INVOICE TO		SHIP TO	
DIVISION OF NATURAL RESOURCES WILDLIFE RESOURCES SECTION 324 4TH AVE SOUTH CHARLESTON WV US		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER No City WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Electrofishing Boat, 2025 or Current Year Model, New	2.00000	EA	\$138,805.00 ea/	\$277,610.00

Comm Code	Manufacturer	Specification	Model #
25111502	Smith-Root Inc		SR-16HX Commercial Electrofishing Vessel

Extended Description:
Per specifications outlined in 3.3

INVOICE TO		SHIP TO	
DIVISION OF NATURAL RESOURCES WILDLIFE RESOURCES SECTION 324 4TH AVE SOUTH CHARLESTON WV US		VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER No City WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Large Electrofishing River Boat, 2025 or Current Year, New	1.00000	EA	\$163,231.00 ea /	\$163,231.00

Comm Code	Manufacturer	Specification	Model #
26111600	Smith-Root Inc		SR-20EHX Commercial Electrofishing Vessel

Extended Description:
Per specifications outlined in 3.4

INVOICE TO	SHIP TO
------------	---------

DIVISION OF NATURAL
RESOURCES
WILDLIFE RESOURCES
SECTION
324 4TH AVE
SOUTH CHARLESTON WV
US

VARIOUS AGENCY
LOCATIONS
AS INDICATED BY ORDER

No City WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	Boat Trailer, 2025 or Current Year Model, New & Unused	3.00000	EA	\$14,324.00 ea x2 \$15,899.00 ea x1	\$44,547.00

Comm Code	Manufacturer	Specification	Model #
25181713	Venture Trailers		Commander 3700 x2 Commander 6000 x1

Extended Description:
Per specifications outlined in 3.5

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions Due at 9:00 a.m. ET	2025-04-10

	Document Phase	Document Description	Page
DNR250000004	Final	WRS:(3) Electrofishing Box, Generator, Boat w/Motor, Trailer	5

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

SOLICITATION NUMBER: ARFQ DNR2500000004

Addendum Number: No.01

The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Addendum issued to publish and distribute the attached documentation to the vendor community.

1. To extend bid opening date to 04/22/2025 at 1:30PM ET.
1. To publish vendor questions and responses.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Attachment A

ARFQ DNR25*04 - Addendum No. 01 •
Technical Questions
West Virginia Division of Natural Resources
WRS:(3) Electrofishing Box, Generator, Boat w/Motor, Trailer

Q1: Please confirm the following bolded specifications are correct:

3.3.3.2 Minimum twin 60-HP 4-stroke outboard motors

3.4.3.2 Minimum twin 90-HP outboard motors.

3.4.3.2.2 Dual engine tie kit.

A1: Yes. All are correct.

- END -

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: ARFQ DNR25*04

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Smith-Root. Inc

Company

Mike Armstrong Jr

Authorized Signature

4/15/25

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Revised 6/8/2012

remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

25. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

26. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Property and Procurement Office, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

27. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from **defect in material and workmanship.** ←

In accordance with our standard 1 year warranty

28. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

29. BANKRUPTCY: In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void and terminate this Contract without notice.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of W. Va. Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act W. Va. Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Property and Procurement Office constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Property and Procurement Office will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by W. Va. Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Smith-Root. Inc

(Name, Title)

Mike Armstrong Jr. Sales Associate

(Printed Name and Title)

16603 NE 50th Ave. Vancouver WA 98686

(Address)

360-573-0202x2112

(Phone Number) / (Fax Number)

marmstrong@smith-root.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

(Company)

(Authorized Signature) (Representative Name, Title)

(Printed Name and Title of Authorized Representative)

(Date)

(Phone Number) (Fax Number)

EXHIBIT A – PRICING PAGE

West Virginia Division of Natural Resources – Wildlife Resources Section
Electrofishing Box, Generator, Boat and Trailer for D1, D4 D6

Item #	Item Description	Unit	Unit Price	Qty	Extended Price
3.1	Electrofishing Box, New and Unused	Each	\$16,053.00	3	\$48,159.00
3.2	Generator, New and Unused	Each	N/A	3	Included in cost of Boats
3.3	Electrofishing Boat, 2025 or Current Year Model New and Unused - Must be compatible with 3.1, 3.2 & 3.5	Each	\$138,805.00	2	\$277,610.00
3.4	Large Electrofishing River Boat, 2025 or Current Year Model New and Unused - Must be compatible with 3.1, 3.2 & 3.5	Each	\$163,231.00	1	\$163,231.00
3.5	Boat Trailer, 2025 or Current Year Model New and Unused - Must be compatible with 3.3 & 3.4	Each	\$14,324.00 x 2 \$15,899.00 x 1	3	\$44,547.00
Total Cost:					\$533,547.00

* Quantity for bid evaluation purposes only.
 Note: All items are to be F.O.B. destination. Freight or delivery charges must be included in the unit price.

Smith - Root Inc

Vendor Company Name

Mike Armstrong

Vendor Representative Authorized Signature

Mike Armstrong

Print Vendor Representative Name

(360) 573-0202

Phone

4/16/25

Date

Sales Associate

Title

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Smith-Root, Inc.

Authorized Signature:  Curtis J. Kirkham, Treasurer Date: April 16, 2025

State of Washington

County of Clark, to-wit:

Taken, subscribed, and sworn to before me this 16th day of April, 2025.

My Commission expires January 10th, 2028.



NOTARY PUBLIC 