



Cost-Share Proposal Form for NorthWestern Energy (NWE) Project 2188 TAC Funds

Project 2188 (Madison-Missouri River) License Protection, Mitigation and Enhancement (PM&E) projects are required to offset impacts to river resources from the continued operation of one or more of NWE’s nine hydro developments (Hebgen, Madison, Hauser, Holter, Black Eagle, Rainbow, Cochrane, Ryan and Morony Dams). PM&E projects need to be prioritized toward in-river or on-the-ground measures that directly benefit fisheries and/or wildlife populations and their habitats:

Priority 1: 2188 License projects which meet License Article requirements and PM&E for fisheries or wildlife populations or their habitats within the main stem Madison River (Hebgen Reservoir to Three Forks) or Missouri River (Hauser Reservoir to Fort Peck Reservoir)

Priority 2: 2188 License projects which meet License Article requirements and PM&E for fisheries or wildlife populations or their habitats in primary tributaries or on adjacent lands and, in doing so, provide PM&E for Madison River (Hebgen Reservoir to Three Forks) or Missouri River (Hauser Reservoir to Fort Peck Reservoir) resources.

Priority 3: 2188 License PM&E projects which meet License Article requirements by providing scientific or other tangible PM&E benefits to Madison-Missouri River fisheries or wildlife populations or their habitats. These projects must be located in the greater Missouri River drainage upstream from Fort Peck Reservoir, but not necessarily located on the main stem Madison River or Missouri River or their adjacent lands or primary tributaries.

All TAC project proposals must include the following information:

Project Title: Missouri River Electrofishing Jet Boat

Date: 11/9/2023

Explain how this Project addresses a specific Project 2188 License Article(s): This equipment addresses article;

414 -Monitoring of fish populations in the Hauser Dam tailwater is completed on alternate years using electrofishing equipment.

416 -Monitoring of fish populations in a 3-mile section immediately downstream from Holter Dam is completed on alternate years using electrofishing equipment.

-Annual trout population [electrofishing] estimates are made in two long-term monitoring sections of the Missouri River downstream from Holter Dam.

417 - Annual fall electrofishing will be used to monitor fish populations in five standard long-term study areas in the approximate 230-mile reach of Missouri River between Morony Dam and Fort Peck Reservoir.

Provide justification for Priority 1, 2 or 3 (above) that you selected: This a Priority 1 project which serves to aid in PM&E population monitoring efforts on the Missouri River from below Canyon Ferry Dam to the headwaters of fort Peck Reservoir.

Project Sponsor (submitted by): NorthWestern Energy

Location of Proposed Project: Missouri River from below Canyon Ferry Dam to Wolf Creek Bridge
 Narrative

Geocode (in decimal degrees ex 46.89743) Lat: _____ Long: _____

Total Project Cost: \$95,381

TAC Funds (Cost-Share) Requested for Project: \$95,381

I. Introduction; brief statement of project to be completed with pertinent background information.

Over the past several years the electrofishing boat provided by Montana FWP for use in the Pelican Point section for Article 416 compliance has been unreliable because it is undersized and cannot transport the necessary equipment and personnel in a reliable, efficient, productive and safe manner. In 2022 and 2023 MoTAC provided funding to replace the outboard motor on that boat (projects 2022-9 and 2023-9). In October 2023 that boat, with a new outboard, displayed continued difficulty getting on plane and continued to require several attempts before successfully getting on plane. It remains unreliable, unproductive and unsafe for this type of work. The boat proposed to replace it is based on a 2010 Wooldridge 20 ft jet boat that is used annually to conduct the same electrofishing efforts in the 2188 project area, and it works as desired. This boat hull configuration is similar to other proven size/design used on two sections of the Yellowstone River. This proposal is to purchase a dedicated electrofishing jet boat for article 414, 416 and 417 compliance. It will not be used for telemetry, larval fish sampling, long lining, trawling, creeling or seining in order to remain reliable for electrofishing.

II. Objectives; explicit statement(s) of what is intended to be accomplished.

Provide reliable, efficient, productive and safe equipment to fulfill License 2188 article 414, 416 and 417 monitoring requirements.

III. Methods; description of how Project objectives will be accomplished.

Purchase a new Wooldridge jet boat

IV. Schedule; when the Project work will begin and end: NA.

V. Personnel; who will do the work? Identify Project leader or principal investigator: NWE

VI. Project budget must include amounts for the following:

- Direct Labor: NA
- Travel and Living: NA
- Materials: **\$95,381** (see attached estimate #2899)

Northern Tool link to Generator: <https://www.northerntool.com/products/honda-inverter-generator-7000-surge-watts-5500-rated-watts-electric-start-model-eu7000isnan-100557>

- Other Direct Expenses: NA
- Direct Overhead*: NA
- All cost-share sources and amounts, including estimation of “in-kind” contributions: NA

***NorthWestern Energy TAC funds will not be used for agency overhead on projects that do not fund personnel. Applications for materials and equipment should not contain overhead.**

VII. Deliverables; describe work product (reports, habitat restoration, etc.) which will result from this Project. How will “success” for this project be monitored or demonstrated?

Deliverable will be reliable, efficient, productive and safe monitoring equipment

VIII. Cultural Resources. Cultural Resource Management (CRM) requirements for any activity related to this Project must be completed and documented to NWE as a condition of any TAC grant. TAC funds may not be used for any land-disturbing activity, or the modification, renovation, or removal of any buildings or structures until the CRM consultation process has been completed. Agency applicants must submit a copy of the proposed project to a designated Cultural Resource Specialist for their agency. Private parties or non-governmental organizations are encouraged to submit a copy of their proposed project to a CRM consultant they may have employed. Private parties and non-governmental organizations may also contact the NWE representative for further information or assistance. Applications submitted without this section completed, will be held by the TAC, without any action, until the information has been submitted.

Summarize here how you will complete requirements for Cultural Resource Management: NA

IX. Water Rights. For projects that involve development, restoration or enhancement of wetlands, please describe how the project will comply with the Montana DNRC's "Guidance for Landowners and Practitioners Engaged in Stream and Wetland Restoration Activities", issued by the Water Resources Division on 9 March 2016.

Summarize here how you will comply with Montana water rights laws, policies and guidelines: NA

All TAC Project proposals should be 7 pages or less and emailed (as a WORD file) to each of:

- Andrew.Welch@NorthWestern.com
- Jon.Hanson@Northwestern.com
- Grant.Grisak@Northwestern.com

Further questions about TAC proposals or Project 2188 license requirements or related issues may be addressed to:

Andy Welch

Manager, Hydro License Compliance

Andrew.Welch@NorthWestern.com

☎ 406-444-8115

☎ 406-565-7549

208 N. Montana Ave

Suite 205

Helena, MT 59601



Wooldridge Boats, Inc.

Quote

1303 S 96th Street
Seattle, WA. 98108

Date:	Revision Date	Quote #:
11/8/2023	11/8/2023	2899

Customer:
NorthWestern Energy 6700 Rainbow Dam Road Great Falls, MT 59404

Ship To

Customer P.O.:	Rep	Color 1:	Color 2:	Est Completion:
	Danny	TBD		TBD upon date order placed

Line	Qty	Description	Unit Price	Total
		This estimate prepared for: NorthWestern Energy		
	1	New Wooldridge 20' Skagit Open Model Hull w/ 50 gallon fuel tank (formally XP model) Standard features include the following: - 93" beam - 72" wide bottom - .190 thick bottom - 27" transom w/ Wooldridge exclusive jet tunnel - Extended bottom trim plate - 6" wide flat style gunnels - Bow width (nose) approx 63" - 12° deadrise at entry - 10° deadrise at stern (with integrated jet tunnel) - Fully welded construction & support system - Diamond plate front step deck (14" above main deck floor) - Diamond plate main floor - Full width transom shelf - Stand-up gunnels with toe kick - Open bow storage open under front deck - Welded bow & stern eyes - Fuel/ water separator - 6 switch power source w/ sealed fuses - LED Navigation / Running lights - 12V power plug - Dual USB charger plug - Electric horn - 2200 GPH bilge pump	45,899.00	45,899.00

Phone #:
2067228998

Add Credit Card Processing Fee 3% over \$1,000.00
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Line	Qty	Description	Unit Price	Total
	1	Hydraulic steering for larger outboard jet motor-exchange for standard steering system	1,399.00	1,399.00
	1	Custom side console (starboard) to accommodate electroshocking unit - See previous MTFW&P versions for reference - Steering wheel and controls on upper port side of console - Future customer's electroshocking unit will be located at upper starboard side of console. Dimensions of electroshocking unit has changed slightly from previous versions. Space to be very similar but exact measurements to be assessed. - Two locking doors on lower starboard side of console - No windshield on this version - Dash rubber on top surface - Front of console to be 78" from transom wall (measured at floor height)	2,399.00	2,399.00
	1	Tall locking storage box to be located directly forward of console - Dimensions approximately 28"W x 18"H x 15"D (or same width as console)	689.00	689.00
	1	Custom electroshocking bow rails - Tubes shall not extend past aft edge of front deck - Similar design as previous bow rails. (Customer will send exact height and design details from current boat)	1,898.00	1,898.00
	1	Yamaha VF250LB SHO VMAX 4.2L 4-stroke outboard motor	24,629.00	24,629.00

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	Danny	TBD		TBD upon date order placed

Line	Qty	Description	Unit Price	Total
	1	Rigging Kit (Control box,tach,shift/throttle cables & wire harness)	1,429.00	1,429.00
	1	Installation & testing of new outboard motor & controls	1,899.00	1,899.00
	1	Jet unit with stainless steel impeller	3,869.00	3,869.00
	1	Install jet on outboard motor	425.00	425.00
	1	EZ Loader T96BT 17-20 4000 tandem axle bunk trailer w/ disc brakes & slick bunks	7,800.00	7,800.00
	1	Load guides mounted on tandem axle 4000 trailer	911.00	911.00
	1	Spare wheel/ tire (205 x 14C) w/ HD carrier mounted on trailer frame	475.00	475.00
		Subtotal		93,721.00
	1	Delivery from Wooldridge Boats Seattle, WA. to NorthWestern Energy in Montana	1,660.00	1,660.00
		* Prices subject to change based on date actual order is placed		

Total	\$95,381.00
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