

2027 LCCMR Request for Proposal (RFP) - FY2028 Proposals Received by Category without Summaries

As of March 18, 2026, the Legislative-Citizen Commission on Minnesota Resources (LCCMR) received 434 proposals requesting a total of approximately \$375 million. The amount available for appropriation from the Environment and Natural Resources Trust Fund (ENRTF) for this funding cycle is approximately \$121 million. This RFP process is for funds that become available for the first year of the FY 2028-FY 2029 biennium beginning July 1, 2027.

LCCMR reviews and evaluates all proposals against their adopted evaluation criteria. On June 17, 2026, members will select a subset of high-ranking proposals to invite for presentation before the LCCMR on June 29-30 and July 1-2, 2026, in order to receive further consideration. On July 30, 2026, the LCCMR will meet to make final selection and funding allocation decisions. In late 2026, the commission will meet to approve appropriation bill language for these projects that will be presented to the 2027 Minnesota Legislature as the official LCCMR recommendations for spending from the Environment and Natural Resources Trust Fund.

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
A. Resiliency					
(RECEIVED: 47 Proposals / Subtotal - \$44,352,000)					
2027-042	John	Gulliver	Resilient Lawns to Mitigate Flooding from Extreme Storms	U of MN, St. Anthony Falls Laboratory	\$598,000
2027-091	Robert	Sip	Rural Floodplain Mapping Initiative for Strategic Watershed Conservation	Red River Watershed Management Board	\$1,250,000
2027-112	Marcella	Windmuller-Campione	Maximizing Lowland Conifer Ecosystem Services - Phase III	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$575,000
2027-129	Susan	Balenger	Assessing Risk of Neonicotinoid Seed Treatment on Insects	U of MN, College of Biological Sciences	\$632,000
2027-141	Mark	Green	Measuring Enhanced Greenhouse Gas Capture by Restored Peatlands	U of MN, Duluth - NRRRI	\$1,164,000
2027-147	Samuel	Sharp	Rural Resilience Coordination	Region Nine Development Commission	\$500,000
2027-155	Megan	Kuhl-Stennes	Improving AQI Forecasting and Climate Resiliency with Sensors	Minnesota Pollution Control Agency	\$893,000
2027-160	Rachel	Gregg	Scandia Cemetery Shoreline Restoration Project	St. Louis County	\$1,726,000
2027-168	Heather	Arends	Aggregate Resource Mapping	MN DNR, Lands and Minerals Division	\$653,000
2027-207	Shannon	Montante	Spring Lake Schaar's Bluff Prairie and Woodland Restoration	Dakota County	\$1,031,000
2027-221	Jesse	Berman	Drought Adaptation and Resiliency Planning for Minnesota	U of MN, School of Public Health	\$536,000
2027-233	Christina	Smith-Martin	Determining Urban Forest Patch Health and Regeneration	U of MN, College of Biological Sciences	\$577,000
2027-235	Katie	Edmond	Building Resilient Urban Forests for Climate Change 2	Great River Greening	\$897,000
2027-242	Tyler	Butts	Developing Biological Benchmarks for Resilient Lakes	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$359,000
2027-247	Danielle	Ignace	Recovery of Forest Ecosystems and Wildlife After Fire	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$634,000

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2027-250	Britt	Gangeness	Leveraging K-12 Schools for Community Resilience	Minnesota Pollution Control Agency	\$828,000
2027-261	Wenqing	Zhang	Milkweed Renaissance: Conservation-Compatible Milkweed Supply Chain	U of MN, Duluth	\$1,579,000
2027-265	Shawn	Dolan	Minnesota Furniture Recovery and Resilience Initiative	EMERGE Community Development	\$2,365,000
2027-266	Benjamin	Cull	Tick-Borne Disease Risk in Earthworm-Invaded Minnesota Forests	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$350,000
2027-297	Jeffrey	Strock	Continuous Living Cover: Safeguarding Soil and Water Health	U of MN, Southwest Research and Outreach Center	\$321,000
2027-311	Veluchamy	Chitraichamy	Resilient Novel Bio-Based GHGs Reduction Strategies for Livestock-Manure	U of MN, WCROC	\$585,000
2027-316	Brent	Williams	Protecting Minnesota's Environment Through Mobile Air Monitoring	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$994,000
2027-319	Sushma	Reddy	The Impact of Microplastics on Minnesota's Wildlife	U of MN, Bell Museum	\$430,000
2027-325	Qizhi	He	Forecasting Minnesota Natural Hazards by Geospatial Intelligence Model	U of MN, College of Science and Engineering	\$516,000
2027-337	Declan	Schroeder	Bee Minnesota II: Protect our Native Bees	U of MN, College of Veterinary Medicine	\$865,000
2027-338	Eric	Buchanan	Solar Powered Container Farm for Local Food Production	U of MN, WCROC	\$1,018,000
2027-342	Grace	Wilson	Rebuilding After Fire: Investigating Soil Toxicity	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$310,000
2027-347	Ce	Yang	Wildfire Early Detection and Prescribed-Burn Management Using Drones	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$856,000
2027-367	Shri	Ramaswamy	Resilient Sustainable Bioeconomy Utilizing Minnesota's Waste Bioresources.	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$712,000
2027-370	Keb	Guralski	Forest Disturbance, Risk and Resiliency Mapping and Monitoring	MN DNR, Forestry Division	\$500,000
2027-383	Roger	Ruan	Climate-Resilient Landfill Volume Reduction and PFAS Control	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$600,000
2027-435	Ryan	Harp	TickWise Minnesota: A First-Of-Its-Kind Minnesota Lyme Disease Forecast	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$541,000
2027-443	Haley	Smith	Deepen Understanding of Environmental Impacts of Wetland Restoration	National Park Service, Voyageurs National Park	\$637,000
2027-457	Matthew	Tierney	Resilience Adaptation Framework and Toolkit (RAFT)	U of MN, Center for Sustainable Building Research	\$1,464,000
2027-459	Joe	Magner	Predicting BWCAW Landscape Damage: Extreme Rain/Runoff Thresholds	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$657,000
2027-463	Anqing	Xuan	Forecasting Weather-Driven Cold-Water Habitat Risk in Minnesota	U of MN, St. Anthony Falls Laboratory	\$336,000
2027-466	Peter	Smerud	Reconnecting Sawmill Creek: Climate-Resilient Access for Learning	Wolf Ridge Environmental Learning Center	\$409,000

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2027-473	Nathan	Eylands	Pulse of the Plant: Smart Greenhouse Lighting Control	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$816,000
2027-494	David	Mulla	Protecting Drinking Water from Nitrates in Southeast Minnesota	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$836,000
2027-497	Leif	Olmanson	Guiding Minnesota Climate Resilience: Actionable Surface Temperature Insights	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$584,000
2027-506	Mindy	Granley	Aligning Resources for Community Resilience Implementation in Minnesota	Minnesota Pollution Control Agency	\$5,935,000
2027-523	Irina	Stepanov	Impact of Tobacco and Nicotine Waste in Minnesota	U of MN, School of Public Health	\$830,000
2027-547	Lian	Shen	Winter Precipitation Prediction to Support Minnesota Forest Resilience	U of MN, St. Anthony Falls Laboratory	\$475,000
2027-556	Kevin	Silverstein	Mapping Continuous Living Cover for Environmental Assessment	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$523,000
2027-558	Ace	Bonnema	Gap-Filling Weather Data to Improve Watersheds/Community Resilience	Kandiyohi County	\$3,750,000
2027-581	Jennifer	Murphy	Mapping Forest Species Composition	MN DNR, Forestry Division	\$729,000
2027-615	Kristine	Maurer	Building Implementation Capacity for Natural Systems, Hennepin County	Hennepin County	\$976,000
				SubTotal	\$44,352,000
A. Resiliency					
G. Small Projects (RECEIVED: 25 Proposals / Subtotal - \$6,631,000)					
2027-050	Jared	Rubinstein	Natural Resource Inventory for Restoration and Resilient Landscapes	U of MN, Landscape Arboretum	\$137,000
2027-078	Roger	Ruan	Expanding Minnesota Plastic Recycling Beyond Mechanical Limits	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-103	John	Du Plissis	Linking Minnesota's Forest Ecosystems with Future Forest Bioeconomy	U of MN, Duluth - NRRRI	\$265,000
2027-137	Madison	Rodman	Community Dune Science for a Resilient Minnesota Point	U of MN, Duluth - Sea Grant	\$299,000
2027-154	Cedar	Walters	Restoring Prairies, Supporting Communities	West Central Initiative	\$296,000
2027-157	Brandon	Miller	Evaluating Native Prairie Willow for Managed Landscape Applications	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$75,000
2027-186	Todd	Rexine	Expanding On-Site Biochar Statewide	Great River Greening	\$298,000
2027-299	Jeffrey	Strock	Field to Future: Agroecological Cropping Systems for Resilience	U of MN, Southwest Research and Outreach Center	\$274,000
2027-306	John	Zobel	Balancing Wildlife Habitat, Forest Management, and Climate Readiness	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$163,000
2027-326	Brett	Barney	Keeping Minnesota Nitrogen Fertilizers in Their Place	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$289,000

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2027-327	Bo	Wang	Biological Deodorization of Biogas	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$297,000
2027-392	Thomas	Rodengen	Minnesota's Lacustrine Systems: A Conservation Inquiry	Creative Scientific	\$148,000
2027-401	Victor	Lai	Pathogen-Driven Behavioral Changes in Deer Ticks	U of MN, Duluth	\$299,000
2027-407	Ognjen	Ilic	High-Altitude Imaging for Wildfire Detection and Monitoring	U of MN, College of Science and Engineering	\$298,000
2027-424	Samantha	Wells	Wide-Row Corn Systems for Water Quality and Farmer	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$293,000
2027-445	Matthew	Petersen	Protecting Threatened Aquatic Insects and Coldwater Stream Systems	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$298,000
2027-454	Brian	Dingmann	Evaluating Microbial Recovery in Restored Minnesota Peatlands	U of MN, Crookston	\$296,000
2027-469	Henry	Van Offelen	Identifying and Prioritizing Water Storage Sites Throughout Minnesota	Board of Water and Soil Resources	\$251,000
2027-475	Nfamara K	Dampha	Minnesota Resilience Accelerator: Nature-Based Watershed Planning	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$299,000
2027-477	Jeremy	Hemberger	Climate Resilient Pollinator Corridors	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-509	Cristian	Beza Beza	Enhancing Agrilus Biomonitoring to Increase Minnesota Forest Resilience	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$296,000
2027-518	Ghanesh	Narasimhan	Protecting Minnesota Rivers from Polar Vortex Flood Risk	U of MN, St. Anthony Falls Laboratory	\$267,000
2027-527	James	Cotner	Land and Water Management to Minimize Herbicide Exposure	U of MN, College of Biological Sciences	\$293,000
2027-534	Adriana	Uscanga Castillo	Remotely-Sensed Tree Inventories for Urban and Community Forests	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-594	Sami	Holm	Headwaters Regional Resiliency Hub	Headwaters Regional Development Commission	\$300,000
				SubTotal	\$6,631,000
B. Water					
(RECEIVED: 69 Proposals / Subtotal - \$62,129,000)					
2027-033	Hua	Zhao	Removing Toxic Polychlorinated Biphenyls (PCBs) from Minnesota Waters	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$403,000
2027-035	Aaron	Hirsch	Mapping Southwest Minnesota's Hidden Aquifers	U of MN, MN Geological Survey	\$654,000
2027-055	Alexander	Frie	Water Science-Policy Fellowships: Strengthening Minnesota's Waters and Workforce	U of MN, Duluth - Sea Grant	\$505,000
2027-063	Jeff	Forester	Data Buoy - A Portal Beneath the Waves	Minnesota Lakes and Rivers Advocates	\$685,000
2027-068	Kaira	Kamke	Developing a Lake Macroinvertebrate Index - Phase 1	The Research Foundation for The State University of New York	\$2,624,000

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2027-070	Veluchamy	Chitraichamy	Dairy Wastewater to Clean Water: Sustainable Nutrient Recovery	U of MN, WCROC	\$498,000
2027-073	Xiaowen	Chen	Hybrid Deconstruction of Persistent PFAS Toward Complete Mineralization	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$470,000
2027-075	Mitchell	Hunter	A Comprehensive Approach to Advancing Forever Green Agriculture	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$5,000,000
2027-081	Kyle	Pillatzki	Plasma System for Economically Viable PFAS Remediation	Cottonwood County	\$868,000
2027-082	Kathy	Nielsen	Study: Addressing HAB's in Pokegama Lake Using Nanobubbles Technology	Pokegama Lake Association	\$3,802,000
2027-090	Heidi	Roop	Minnesota FloodWise Communities Extension Program	U of MN, Extension	\$1,000,000
2027-106	Jeffrey	Marr	Impact of Recreational Boating on Alum Treated Lakes	U of MN, St. Anthony Falls Laboratory	\$475,000
2027-114	Timothy	LaPara	Is Non-Disinfected Groundwater a Cause of Legionnaires' Disease?	U of MN, College of Science and Engineering	\$699,000
2027-156	Beatriz	Baselga Cervera	Biocontrol of Harmful Algal Blooms	U of MN, College of Biological Sciences	\$483,000
2027-162	Hailey	Sauer	Before the Thaw: Winter Matters for Harmful Algae	Science Museum of Minnesota, St. Croix Watershed Research Station	\$750,000
2027-164	Seth	Thompson	Elevating Teachers as Local Water Leaders Through Education	Freshwater Society	\$350,000
2027-170	Luke	Langner	Mississippi Riverwalk Restoration and Public Access Enhancement Project	City of St. Cloud	\$6,100,000
2027-177	Veluchamy	Chitraichamy	Duckweed for Clean Water and Sustainable Bioproducts Production	U of MN, WCROC	\$688,000
2027-178	Lea	Pollack	Biochar Applications for Stormwater Pond Management and Remediation	U of MN, College of Biological Sciences	\$641,000
2027-183	Kelsey	Prihoda	Watershed Watchers: Empowering Educators to Expand Water Monitoring	U of MN, Duluth - Sea Grant	\$496,000
2027-191	Chuck	Kendall	Expand Successful Upper Twin Results to the Chain	Twin Lake Association	\$449,000
2027-218	Daniel	Larkin	Better Training, Better Shoreline Restorations, Healthier Lakes	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$432,000
2027-223	Emily	Zanon	Nitrogen Water Quality Trading Pilot Project	Minnesota Pollution Control Agency	\$627,000
2027-224	Bridget	Ulrich	Will Extreme Weather Increase Runoff Toxicity to Fish?	U of MN, Duluth - NRR1	\$748,000
2027-227	Ashley	Kneemueller	Evaluating Sulfate, Chloride, and PFAS Wastewater Treatment Technologies	Minnesota Pollution Control Agency	\$605,000
2027-243	Lindsay	Pease	Improving Year-Round Water Quality Downstream of Livestock Pastures	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$847,000
2027-244	Sarah	Roth	Aligning Conservation Programs with Farmer Needs	U of MN, Water Resources Center	\$357,000

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2027-251	Michael	Ginsbach	Determining Ambient Background PFAS Concentrations in Minnesota Groundwater	Minnesota Pollution Control Agency	\$500,000
2027-255	James	Cotner	Restoring Lakes and Mitigating Our Changing Climate	U of MN, College of Biological Sciences	\$565,000
2027-263	William	Arnold	Trifluoroacetic Acid in Minnesota Waters: Levels and Formation	U of MN, College of Science and Engineering	\$591,000
2027-271	Michele	Guala	Improving Toe-Wood Design and Installation in Stream-Restoration Projects	U of MN, St. Anthony Falls Laboratory	\$436,000
2027-277	Byeonghwa	Jeon	Protecting Minnesota's Waters from Climate-Driven Antibiotic Resistance	U of MN, School of Public Health	\$1,621,000
2027-281	Sami	Selter	Expanding Aquatic Invasive Species (AIS) Containment and Shielding	Minnesota Lakes and Rivers Advocates	\$1,445,000
2027-283	Rachel	Wheeler	Alum Treatment Cross Lake Pine County	Cross Lake Association of Pine County	\$2,040,000
2027-286	David	Bennett	Northfield Ames Mill Dam Removal	City of Northfield	\$800,000
2027-289	Bo	Wang	Use Cyanobacteria to Remove PFAS from Minnesota's Water	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$337,000
2027-293	Bonnie	Keeler	Impacts of Winter Angling on Tribal Water Quality	U of MN, Water Resources Center	\$492,000
2027-318	Andy	Erickson	Building Resilience Against Flooding from Extreme Rainfall	U of MN, St. Anthony Falls Laboratory	\$674,000
2027-320	Brett	Barney	Minnesota Microbes for Enhanced Biodegradation of Microplastics	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$608,000
2027-321	Eric	Watkins	Protecting Groundwater Through Optimized Municipal Green Infrastructure	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$980,000
2027-322	Prodromos	Daoutidis	Precision Water and Nitrogen Management for Sustainable Agriculture	U of MN, College of Science and Engineering	\$664,000
2027-332	Rita	Weaver	Minnesota River Basin Water Storage BMP Prioritization	Board of Water and Soil Resources	\$500,000
2027-346	Zachary	McEachran	Statewide River Forecast System	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$979,000
2027-357	Judy	Yang	Floating Wetlands for Stormwater Microplastic and Pathogen Removal	U of MN, St. Anthony Falls Laboratory	\$390,000
2027-358	Anna	Cates	Oats and Water Quality: Potential for Nitrogen Preservation	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$706,000
2027-359	Ardeshir	Ebtehaj	MinLake-IceWatch: Real-Time Minnesota Lake Ice Forecasting Decision Platform	U of MN, College of Science and Engineering	\$387,000
2027-362	Vanessa	Baratta-Person	DNR County Groundwater Atlas	MN DNR, Ecological and Water Resources Division	\$3,500,000
2027-388	John	Nieber	Tools to Improve Downstream Hydrology and Water Quality	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$504,000
2027-406	Natalia	Mossmann Koch	Roadside Mosses as Biological Filters for Mitigating Microplastics	U of MN, College of Biological Sciences	\$509,000

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2027-432	Barbara	Lusardi	Geologic Atlases for Water Resource Management-FY27	U of MN, MN Geological Survey	\$1,455,000
2027-440	Phillip	Larson	Dam Failure and the Future Blue Earth River	Minnesota State Colleges and Universities, Minnesota State University Mankato	\$415,000
2027-453	Sebastian	Behrens	Engineered Soils for Pollution and Road Salt Resiliency	U of MN, College of Science and Engineering	\$550,000
2027-455	Mark	Edlund	Inventory Aquatic Resources in Minnesota's Scientific/Natural Areas	Science Museum of Minnesota, St. Croix Watershed Research Station	\$699,000
2027-458	Lian	Shen	Predicting Foam Formation and Motion in Minnesota Waters	U of MN, St. Anthony Falls Laboratory	\$500,000
2027-482	Armando	Oster	Brooklyn Center Urban Waterway / Linear Ponding Feasibility Study	City of Brooklyn Center	\$393,000
2027-486	Tim	Sundby	Quantifying Stream Restoration Results to Prioritize Future Investments	Carver County Water Management Organization	\$346,000
2027-490	Matt	Simcik	Using Irrigation to Rid Minnesota of PFAS	U of MN, School of Public Health	\$370,000
2027-507	Byron	Steinman	Fate of Storm-Driven River Sediments in Lake Superior	U of MN, Duluth - Large Lakes Observatory	\$447,000
2027-512	Jane	de Lambert	Emerging Contaminant Monitoring in Minnesota Drinking Water	Minnesota Department of Health	\$1,150,000
2027-513	Han	Liu	Predicting Microplastic Hotspots in Minnesota Rivers	U of MN, St. Anthony Falls Laboratory	\$350,000
2027-530	Tianhong	Cui	Removing PFAS from Minnesota Waters Using Sunlight	U of MN, College of Science and Engineering	\$365,000
2027-531	Tianhong	Cui	Preventing Algal Blooms with Real-Time Phosphate Monitoring	U of MN, College of Science and Engineering	\$377,000
2027-533	Aicam	Laacouri	Scaling Oats for Soil Health and Water Quality	Minnesota Department of Agriculture	\$500,000
2027-542	Emily	Dick	Recovering the Natural Balance of Fish Lake	Prior Lake-Spring Lake Watershed District	\$666,000
2027-544	Erin	Mittag	Balancing Budgets: Incorporating Sediment Phosphorus Strengthens Lake Management	Science Museum of Minnesota, St. Croix Watershed Research Station	\$699,000
2027-553	Karl	Anderson	Minnesota Water Watch: Citizen Sensors for Water Quality	Minnesota State Colleges and Universities, Northwest Technical College	\$445,000
2027-567	Nicholas	Gallagher	Dashboard and Economic Analysis for Nutrient Reduction Goals	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$621,000
2027-569	John	Downing	Neighbors Protect Lakes: A Septic Stewardship Pilot	Itasca Waters	\$532,000
2027-614	Warren	Formo	Watershed-Scale Evaluation of Conservation Drainage Using Machine Learning	Minnesota Agricultural Water Resource Center	\$765,000
				SubTotal	\$62,129,000

B. Water
G. Small Projects (RECEIVED: 24 Proposals / Subtotal - \$5,419,000)

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2027-040	Alicia	O'Hare	Howard Lake Habitat Restoration	Wright Soil and Water Conservation District	\$297,000
2027-057	Kelsey	Klucas	Reduction of Persistent Industrial Chemicals in Minnesota's Water	U of MN, School of Public Health	\$209,000
2027-087	Larry	Vollmar	AIS Shielding and Containment on Cedar Lake	Cedar Lake Improvement District	\$85,000
2027-101	Mary	Schneider	Loretto Water Treatment Pilot Study	City of Loretto	\$68,000
2027-108	Joshua	Layfield	Biochar-Based Solutions for Forever Chemical Contamination	University of St. Thomas	\$124,000
2027-121	Lily	Carr	Strengthening the Lake Steward Program: It's Shore Important!	Minnesota Lakes and Rivers Protection and Education	\$204,000
2027-197	John	Nieber	Subsurface Irrigation Design	U of MN, College of Science and Engineering	\$264,000
2027-288	Veluchamy	Chitraichamy	Novel Algae Based Sustainable Bioproducts from Mining Wastewater	U of MN, WCROC	\$300,000
2027-298	Min	Addy	Integrated Treatment and Metal Recovery from Mine Water	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-324	Prasanth Kumar	Sasidharan Pillai	Polyurethane Fertilizer Coatings to Reduce Agricultural Nutrient Runoff	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$260,000
2027-344	Jeff	Jeremiason	Why are Crane Lake Mercury Levels So High?	Gustavus Adolphus College	\$192,000
2027-355	Xiaowen	Chen	Bio-Based Slow-Release Fertilizer to Reduce Agricultural Nitrate Runoff	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-384	Juer	Liu	Reducing PFAS Mass Loading to Minnesota Waters	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-385	Satoshi	Ishii	Mapping Hotspots of Antibacterial Resistance in Minnesota's Waters	U of MN, College of Biological Sciences	\$190,000
2027-386	Abdennour	Abbas	Minnesota PFAS Destruction Verification Framework	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-418	Andy	Chambers	Water Education and Well Testing for Karst Communities	Science Museum of Minnesota	\$295,000
2027-423	Larry	Vollmar	Phosphorus Reduction Through Biomass Removal in Cedar Lake	Cedar Lake Improvement District	\$113,000
2027-434	Juan	Medina Bielski	Industrial Wastewater Upcycling for Nutrient Recovery and Reuse	Rahr Technical Center, LLC	\$300,000
2027-462	Thomas	Rodengen	Ice Thickness Monitoring Sensor	Creative Scientific	\$60,000
2027-492	Jiarong	Hong	HAB Early Warning Using Imaging Triggered eDNA Analysis	U of MN, St. Anthony Falls Laboratory	\$299,000
2027-504	Prasanth Kumar	Sasidharan Pillai	Microalgal Consortium for Bioremediation of PFAS in Minnesota	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$294,000
2027-524	Xiaoja	Wang	Energy-Efficient Electrochemical PFAS Destruction for Minnesota Water Protection	U of MN, College of Science and Engineering	\$297,000

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2027-526	Xiaojia	Wang	Solar-Driven Near-Zero-Liquid-Discharge for PFAS-Contaminated Minnesota Water Resources	U of MN, College of Science and Engineering	\$218,000
2027-571	Susan	Colvin	Linking Land Use, BMPs, and Groundwater Nitrate Levels	Minnesota State Colleges and Universities, Minnesota State University Mankato	\$150,000
				SubTotal	\$5,419,000
C. Education and Outdoor Recreation (RECEIVED: 82 Proposals / Subtotal - \$105,586,000)					
2027-053	Andrew	Wickert	Parks of Fire and Ice	U of MN, St. Anthony Falls Laboratory	\$485,000
2027-067	Alexa	Shapiro	Minnesota Driftless Hiking Trail Development	Minnesota Driftless Hiking Trail	\$495,000
2027-074	Luke	Reese	Jay C. Hormel Supplemental Teaching Staff	City of Austin	\$397,000
2027-083	Sara	Lemke	Developing Leadership Pipeline for Minnesota's Natural Environment	Camp Fire Minnesota	\$1,089,000
2027-088	Ingrid	Schneider	Minnesota Sustainable Foraging: Participant Research and Educational Outreach	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$773,000
2027-092	Lisa	Luokkala	Caring for Minnesota's Premier Hiking Trail	Superior Hiking Trail Association	\$653,000
2027-095	Zac	Dockter	Mississippi Dunes Park Development Project	City of Cottage Grove	\$386,000
2027-115	Kent	Skaar	Minnesota State Trails Development	MN DNR, State Parks and Trails Division	\$8,740,000
2027-120	Tony	Wotzka	Native American Veterans Memorial Plaza and Shoreline Restoration	Dakota County	\$495,000
2027-124	Tiffany	Wolf	Indigenous Practice, Modern Threat: Brain-Tanning and CWD	U of MN, College of Veterinary Medicine	\$416,000
2027-125	Maggie	Heurung	CP Rail Regional Trail - South Segment Construction	Three Rivers Park District	\$2,000,000
2027-139	Anne	Gardner	Mississippi River Learning Center - Peninsula Restoration	City of St. Paul	\$2,901,000
2027-152	Alison	Nyenhuis	The Boundary Waters Is Our Backyard	Friends of the Boundary Waters Wilderness	\$655,000
2027-165	Seth	Thompson	Two-Eyed Seeing: Mentorship Blending Indigenous and Western Science	Freshwater Society	\$495,000

2027 LCCMR Request for Proposal (RFP) - FY2028
Proposals Received by Category without Summaries

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-167	Matt	Poppleton	St. Croix River Gateway Project at Lumberjack Landing	Wild Rivers Conservancy	\$1,158,000
2027-173	Lawrence	Kirch	Completing the Root River Trail in Houston County	City of La Crescent	\$792,000
2027-175	Kjersti	Monson	Two Harbors Waterfront: Enhancing the North Shore Experience	City of Two Harbors	\$1,620,000
2027-184	Robert	Blair	Minnesota Master Naturalist Teacher Institute	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$446,000
2027-192	Hannah	Brithón	Mikinaake: Connecting Indigenous Youth to Land-Based Learning	Belwin Conservancy	\$817,000
2027-193	Marissa	Milstein	Revitalizing Hunting, Fishing, and Trapping in White Earth	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$561,000
2027-205	Autumn	Hubbell	Spring Lake Park Reserve- Indigenous Messaging Plan Implementation	Dakota County	\$316,000
2027-206	Tony	Wotzka	Pollinator Pathways: Habitat Restoration and Connecting Communities	Dakota County	\$652,000
2027-208	Niki	Geisler	Dakota County Parks Outdoor Accessibility Improvements	Dakota County	\$558,000
2027-209	Brent	Larson	Blaine Wetland Sanctuary Trail Development	City of Blaine	\$2,350,000
2027-213	Joe	Masiarchin	Environmental Learning Center Program Enhancements: Ritter Farm Park	City of Lakeville	\$723,000
2027-219	Aaron	Raivo-Lynch	Camp Katharine Parsons - Main Road and Parking Lot	Phyllis Wheatley Community Center	\$1,052,000
2027-222	Dawn	Pape	Clean Economy Educators: In-School Field Trips	We All Need Food and Water	\$638,000
2027-237	Forrest	Fleischman	Minnesota Environment and Natural Resources Workforce Development Study	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$542,000
2027-259	Heather	Nelson	Mississippi River Trail Expansion in Champlin	City of Champlin	\$1,500,000
2027-270	Nick	Bancks	Outdoors For All: Collaborative Partnerships Increasing Out-Of-Doors Access	The Trust for Public Land	\$1,034,000
2027-279	Timothy	Dudley	CREST Groundwork Project	U of MN, Crookston	\$494,000

**2027 LCCMR Request for Proposal (RFP) - FY2028
Proposals Received by Category without Summaries**

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-285	Michael	Stifter	Casting Lines, Growing Habitat, Connecting Community	City of Hutchinson	\$530,000
2027-290	Ange	Hwang	Minnesota Comprehensive Environmental Education: From Immersion to Hands-on	MN350	\$6,668,000
2027-304	Kellee	Omlid	North Creek Greenway Trails and Trailhead Construction Project	City of Farmington	\$2,095,000
2027-305	Nick	Arola	Carey Lake Accessible Trailhead Building Project	City of Hibbing	\$1,124,000
2027-307	Catherine	Early	Braiding Knowledge for Biodiversity Conservation	Science Museum of Minnesota	\$709,000
2027-312	Jenni	Bubke	Local Parks, Trails, and Natural Areas Grant Programs	MN DNR, State Parks and Trails Division	\$5,000,000
2027-314	Zach	Robinson	Spark-Y Urban Agriculture Hub Development	Spark-Y, Pathways Program	\$672,000
2027-323	Ingrid	Schneider	Assessing Actual and Perceived Watercraft Behavior and Safety	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$786,000
2027-333	Kris	Eilers	Restoring Generational Connections to the St. Louis River	St. Louis River Alliance	\$404,000
2027-341	Sarah	Ciochetto	Mesabi Trail Multiple Segments Eveleth, Gilbert, and Tower	St. Louis & Lake Counties Regional Railroad Authority	\$1,650,000
2027-352	Zach	Burnside	Conservation Ed -Minnesota- "Statewide Platform for Environmental Educators"	Wildlife Forever	\$517,000
2027-380	Dean	Weiberg	Civilian Conservation Corps Regional Trailhead Pavilion Restoration	City of Hoyt Lakes	\$850,000
2027-382	Katie	Johnston-Goodstar	Culturally-Sustaining Environmental Education Phase 2	U of MN, College of Education and Human Development	\$868,000
2027-399	Jennifer	Vieth	Trail Restoration and Adaptive Environmental Education at Carpenter Nature	Carpenter St. Croix Valley Nature Center	\$756,000
2027-404	James	Forester	Empowering Youth to Participate in Urban Wildlife Research	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$809,000
2027-411	Erika	Bailey-Johnson	Mishko Wisitoon Wilderness Academy	Sacred Bundle	\$897,000
2027-425	Rebecca	Swenson	Bugs Below Zero: Engaging Communities with Winter Science	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$432,000

**2027 LCCMR Request for Proposal (RFP) - FY2028
Proposals Received by Category without Summaries**

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-426	Nell	Holden	Increasing Access to Outdoor Recreation for 21,000 Minnesotans	Wilderness Inquiry	\$1,580,000
2027-428	Kevin	Fellbaum	Glacial Edge Regional Trail - Cabbage Hill Segment	Otter Tail County	\$1,838,000
2027-429	Andrea	Rehm	Lake Elmo Park Reserve - Single Track Trail	Washington County	\$1,500,000
2027-484	Tracy	Fredin	Minnesota's Lands and Waters	Hamline University	\$949,000
2027-485	Brian	Nerbonne	Expanding Fishing Education and Shore Fishing Opportunities.	MN DNR, Fish and Wildlife Division	\$4,570,000
2027-495	Adam	Arvidson	Enhancing Mississippi River Access in North Minneapolis	Minneapolis Park and Recreation Board	\$1,852,000
2027-499	Adam	Arvidson	Accessible Tree Canopy Walk at Eloise Butler Garden	Minneapolis Park and Recreation Board	\$705,000
2027-505	Breanna	Trygg	Voyageurs Dark Sky Science and Stewardship Education	Voyageurs Conservancy	\$1,078,000
2027-511	Ashley	Cauley	Southwest Chaska Park - Phase 1 Improvements	City of Chaska	\$3,500,000
2027-529	Kirsten	Traut	Babbitt Community Beach Access and Recreation Development	City of Babbitt	\$3,057,000
2027-532	Ronald	Gregg	Preserving Recreational and Trail Connections: Historic Forestville Bridge	Fillmore County	\$1,494,000
2027-538	Katy	Guthrie	Perennial Crops for Wildlife - Education and Demonstration	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$377,000
2027-540	Klara	Beck	Fergus Falls Multiuse Recreational Building	City of Fergus Falls	\$1,720,000
2027-551	Clement	Loo	Agriculture–Energy Innovation Talent Development Camp (Morris, MN)	U of MN, Morris	\$416,000
2027-555	Scott	Haugen	Tettegouche State Park Entrance Bridge Replacement	MN DNR, State Parks and Trails Division	\$4,951,000
2027-565	Amy	Demmer	Connecting Minnesota Youth to the Lake Superior Watershed	Hartley Nature Center	\$486,000
2027-566	May	Yang-Lee	Pathways to Environmental Careers	MN DNR, Operational Services Division	\$981,000

2027 LCCMR Request for Proposal (RFP) - FY2028
Proposals Received by Category without Summaries

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-570	Micayla	Nelson	Building Environmental Connections Between PWLC and the Community	Friends of the Prairie Wetlands Learning Center	\$328,000
2027-572	Foxfeather	Zenkova	Shared Skies: Connecting Communities and Wildlife Through Art	Foxloft Conservancy	\$325,000
2027-573	Eric	Weiss	150 Thompson Park	City of West St. Paul	\$327,000
2027-575	Pat	Chapman	Field Township Northwoods Nature Pedestrian Trail	Field Township	\$825,000
2027-577	Britt	See-Benes	Splash Pad Phase 3 and Silver Lake Trail	City of Virginia	\$1,023,000
2027-578	Katie	Heimer	Expanding Environmental Education and Access in Theodore Wirth	The Loppet Foundation	\$814,000
2027-579	Sara	Miller	Camp Northern Lights Commercial Kitchen Reconstruction	YMCA of the North	\$3,895,000
2027-582	Geanella	Ochoa	Building Climate-Resilient Conservation Leadership in Minnesota	Comunidades Organizando el Poder y la Accion Latina	\$564,000
2027-583	Nikolaos	Papanikolopoulos	DIY Amphibious Robots: Aquatic Ecology Education for Minnesota	U of MN, College of Science and Engineering	\$450,000
2027-586	Anna	Carlson	Expanding Outdoor Leadership Through Minnesota's Natural Resources	Minnesota State Colleges and Universities, Bemidji State University	\$375,000
2027-592	Jessica	Rich	Proctor Kingsbury Creek Pedestrian and Bicycle Trail Bridge	City of Proctor	\$526,000
2027-593	Jennifer	Swenson	Prairie Woods Environmental Learning Center Phase 1 Improvements	Prairie Woods Environmental Learning Center	\$1,119,000
2027-595	Sara	Miller	Cultivating Environmental Education and Stewardship Through YMCA Volunteering	YMCA of the North	\$708,000
2027-601	Pete	Cleary	Phase II Environmental Education at Shepard Farm	Dodge Nature Center	\$809,000
2027-604	VaMegn	Thoj	Asian Youth Arts and Environmental Leadership	Asian Economic Development Association	\$1,018,000
2027-609	Casey	Byers	Sudheimer Park Project	City of Waconia	\$1,026,000
2027-611	Jason	McGrew-King	Mobile Water Safety Education	Three Rivers Park District	\$400,000

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Proposals Received by Category without Summaries

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
SubTotal					\$105,586,000
C. Education and Outdoor Recreation					
G. Small Projects (RECEIVED: 44 Proposals / Subtotal - \$9,494,000)					
2027-045	Kara	Baldwin	Longitudinal Ecology-Focused Science Education Programming	U of MN, Cedar Creek Ecosystem Science Reserve	\$145,000
2027-066	Rebeka	Ndosi	HEALL Hub: BIPOC Environmental Education on the Northshore	Maji ya Chai Land Sanctuary	\$300,000
2027-145	Jaime	Souza	Rooting Resilience Through Community Forest Stewardship	Marine Village School	\$298,000
2027-148	Ansel	Schimpff	Duluth Traverse Three Year Sustainability Program	Cyclists of Gitchee Gumees Shores	\$232,000
2027-151	Bryan	Wood	Increasing Education and Outdoor Recreation Camps for Youth and Families	Osprey Wilds Environmental Learning Center	\$199,000
2027-161	Mikaela	Ayim	Sustainable Landcare Training and Career Readiness + Exploration Program	Metro Blooms	\$295,000
2027-166	Colleen	Foehrenbacher	Improving Access to Recreational Trails at Eagle Bluff	Eagle Bluff Environmental Learning Center	\$32,000
2027-174	Jessica	Willman	The Bee Line Method: Restoring Small Urban Parcels	Como Community Council - District 10	\$297,000
2027-176	Owen	Connell	Evaluating Programs for Immigrant and ESL Students	Saint Johns Arboretum and University	\$70,000
2027-180	John	Santi	Wildcat Woods Disc Golf Course and Hiking Trail	North Branch Disc Golf Association	\$40,000
2027-203	Kyle	Smith	Expanding Inclusive Access to Nature-Based Recreation Statewide	U of MN, College of Biological Sciences	\$260,000
2027-204	Thomas	Crawford	Water Science Field Day on Public Lands	Friends of the Minnesota Valley	\$117,000
2027-231	Jennifer	Maki	The Living Lab: A Science and Art Experience	Minnesota Pollution Control Agency	\$178,000
2027-234	Joey	Schugel	New Ulm Pollinator Park Expansion	City of New Ulm	\$216,000
2027-236	Alisha	Paplow	Mobile Nature Center Serving Southwest Minnesota	Wild Compass Environmental Education	\$258,000
2027-238	Brennan	Blue	Future Stewards: Expanding Native Habitat and Outdoor Education	Great River Greening	\$299,000
2027-248	Zsuzsanna	Allerton	Soudan Geology Trail Project	U of MN, College of Science and Engineering	\$290,000
2027-254	Bridget	Kelly	Camp Earth-P: Environmental-Agricultural Regenerative Technology for Healthier Planet	Minnesota State Colleges and Universities, Southwest Minnesota State University	\$258,000
2027-294	Ryan	Murphy	Team Tree Youth Education Program	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$208,000
2027-310	Sarah	Bignall	Season Watch: Nature for Every Generation	Northern Community Radio, Inc.	\$201,000

**2027 LCCMR Request for Proposal (RFP) - FY2028
Proposals Received by Category without Summaries**

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-369	Kimberly	Rockman	Gathering Garden	Project Food Forest	\$57,000
2027-372	Paul	Brinkman	Restoration of the Historic Laurentian Environmental Center's Mission	Northeast Service Cooperative	\$160,000
2027-374	Lindsay	Bjorklund	The Observation Yurt: A Hub for Nature Journaling	Deep Portage Learning Center	\$42,000
2027-377	Shawna	Weaver	Early Childhood Learning Center Expansion	Lake Superior Authority	\$220,000
2027-379	Laura	Hudson	Reel Hope: Breaking Outdoor Recreation Barriers for Youth	Fishing For Life	\$149,000
2027-387	Arielle	Courtney	Leveraging Nature for Mental Health	MN DNR, State Parks and Trails Division	\$300,000
2027-398	Ryan	Wille	Deeper Environmental Education for Youth Through Aligned Curriculum	Friends of Project Wild Rooted	\$257,000
2027-438	Thomas	Rodengen	Minnesota's Climate Change Understanding: Lakefluence	Climate Union	\$119,000
2027-450	Marc	Schwabenlander	Cofactors: Equipping Minnesotans for CWD Threat Mitigation	U of MN, College of Veterinary Medicine	\$294,000
2027-480	Natalie	Kennedy	Nature for New Minnesotans: Expanding Inclusive Environmental Education	U of MN, Bell Museum	\$300,000
2027-491	Zachary	Pope	Validating AI Trail Analytics for Minnesota Public Lands	Verticl Ventures LLC	\$235,000
2027-502	Jeannette	Lutter-Gardella	Empowering Minneapolis Youth and Educators Through Nature Access	Minneapolis Park and Recreation Board	\$290,000
2027-508	Brad	Bourn	River Bend Nature Center Outdoor Diversity Initiative Expansion	River Bend Nature Center	\$296,000
2027-545	William Hunter	Duncan	West Central Canoe Route	Douglas County	\$138,000
2027-546	Sarah	Wilcox	Expanding Conservation Education Access in Northeast MN	Arrowhead Zoological Society	\$270,000
2027-548	Justo	Garcia	Green Careers Exploration and Exposure Expansion	City of Minneapolis	\$245,000
2027-552	Tom	Dougherty	Blue Ox Connection ATV Trail	Voyageur Country ATV	\$100,000
2027-562	Phil	Schwarz	10,000 Birdwatchers Project	Elpis Enterprises	\$243,000
2027-580	Brad	Olson	Increasing K-12 Student Learning to Develop Environmental Education	Northern Lights Council of the Boy Scouts of America	\$300,000
2027-584	John	Lenczewski	Growing Environmental Stewardship Through Trout in the Classroom	Minnesota Trout Unlimited	\$295,000
2027-585	Jason	McGrew-King	Mobile Classroom for Outdoor Recreation	Three Rivers Park District	\$250,000
2027-598	Anne	Conway	Watershed Resilience: Youth, Science, and Dakota Cultural Knowledge	Izaak Walton League of America, Will Dilg Chapter	\$300,000

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Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-602	Michael	Jensen	Bayview School Forest Restoration and Stewardship Plan	Waconia Conservation Club Booster	\$141,000
2027-603	Julia	Nerbonne	Community Climate Resilience Network Youth Apprenticeship Program	Climate Justice Commons, Minnesota Interfaith Power & Light	\$300,000
				SubTotal	\$9,494,000
D. Fish and Wildlife					
(RECEIVED: 38 Proposals / Subtotal - \$45,496,000)					
2027-039	Euan	Reavie	Confirming Fish Habitat Resilience for Future Lake Management	U of MN, Duluth - NRRRI	\$750,000
2027-041	Jacob	Haus	Fond du Lac Deer Study - Phase 2	Minnesota State Colleges and Universities, Bemidji State University	\$2,512,000
2027-061	Kassandra	Ford	Restoring Minnesota's Historical Fluid Collections	U of MN, Bell Museum	\$400,000
2027-069	Emily	Fairfax	Stream Complexity and Habitat Use in the Northwoods	U of MN, St. Anthony Falls Laboratory	\$675,000
2027-076	Ted	Ozersky	Predicting Winter Fish Kill Risk in Minnesota Lakes	U of MN, Duluth - Large Lakes Observatory	\$592,000
2027-080	Dale	Gentry	Rediscovering Bobwhite and Warblers in the Driftless Region	Audubon Upper Mississippi River	\$365,000
2027-094	Mae	Davenport	Sustaining Food Ecosystems for Tribal and Community Health	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$1,610,000
2027-109	Joseph	Bump	Critical Information for Science-Based Management of Minnesota's Wolves	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$2,550,000
2027-111	Dakota	Rowsey	Building a Superior Understanding of Minnesota's Small Mammals	Science Museum of Minnesota	\$690,000
2027-133	Meggan	Craft	Disease Implications of Connectivity Among Metro Deer Populations	U of MN, College of Biological Sciences	\$1,248,000
2027-136	Michael	Joyce	Enhancing Fisher Management with Population and Health Data	U of MN, Duluth - NRRRI	\$842,000
2027-163	Seth	Thompson	Documenting Waterborne Contaminants in Culturally Important Foods	Freshwater Society	\$1,198,000
2027-280	Liz	Beery	Expanding MN Prescribed Fire Implementation and Landowner Education	The Nature Conservancy	\$1,853,000
2027-295	Brett	Nagle	Fish Movement Patterns in the Upper Mississippi River	MN DNR, Fish and Wildlife Division	\$929,000
2027-301	Brittany	Smith	Sustaining Prairie Investments: Disturbance Guidance for Restored Grasslands	Monarch Joint Venture	\$525,000
2027-345	Kathryn	Holcomb	Status of Mollusks in the Minnesota River Watershed	MN DNR, Ecological and Water Resources Division	\$740,000
2027-360	Elizabeth	Baker	Health Assessment, Tracking, and Conservation of Wild Turkeys	MN DNR, Fish and Wildlife Division	\$2,111,000
2027-373	Elena	West	Bioacoustics for Species Monitoring and Conservation: Phase III	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$1,108,000

2027 LCCMR Request for Proposal (RFP) - FY2028
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Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-394	Andrew	Gregory	Interagency Partnership to Conserve Minnesota Wild Turkey	University of North Texas	\$1,649,000
2027-400	Jake	Walsh	Investigating Big Waves' Impacts on Native Aquatic Plants	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$664,000
2027-402	Geoffrey	Miller	Investigating Social Interactions and Relationships of Urban Coyotes	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$755,000
2027-403	Holly	Bernardo	Integrating Biodiversity Data to Improve Conservation Decisions	MN DNR, Ecological and Water Resources Division	\$1,960,000
2027-409	Brian	Nerbonne	Invasive Carp Tagging, Tracking and Removal	MN DNR, Fish and Wildlife Division	\$1,086,000
2027-417	Tricia	Markle	Evaluating American Kestrel Declines to Inform Conservation Action	Minnesota Zoological Board	\$449,000
2027-421	Garrett	Steede	Strengthening Urban Pollinator Habitats: Citizen Science and Strategic Communication	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$400,000
2027-451	Mark	Edlund	Protect and Sustain Red Lake's Fisheries and Peatlands	Science Museum of Minnesota, St. Croix Watershed Research Station	\$1,324,000
2027-456	Nicholas	Phelps	AIS Solutions for Minnesota - Innovation, Translation, Leadership	U of MN, MAISRC	\$6,000,000
2027-479	Solomon	David	Floodplains and Fishes: Aquatic Connectivity Through Native Species	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$594,000
2027-483	Tanya	Roerick	Moose Monitoring on the Leech Lake Reservation	Leech Lake Band of Ojibwe	\$675,000
2027-489	Peter	Kennedy	Tracking Change at Minnesota's Great Forest Boundary	U of MN, College of Biological Sciences	\$443,000
2027-522	John	Lenczewski	Protecting Priority Trout Streams for Restoration and Access	Minnesota Trout Unlimited	\$1,496,000
2027-528	Josh	Pennington	Assessing Recruitment Threats for Imperiled Blanding's Turtles	Department of Military Affairs	\$321,000
2027-559	Joe	Triplett	Chisago County TH 8 Wildlife Crossing Project	Chisago County	\$3,000,000
2027-561	Tim	Amundsen	Excelsior Commons Park Shoreline Restoration	City of Excelsior	\$654,000
2027-568	Daniel	Cariveau	Tracking Minnesota's Rare Specialist Bees to Guide Conservation	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$782,000
2027-574	Mary	Mallinger	Understanding Minnesota's Migratory Bats to Advance Conservation	Minnesota Zoological Board	\$568,000
2027-600	Charlotte	Roy	Aerial Infrared Surveys of Sharp-Tailed Grouse and Prairie-Chickens	MN DNR, Fish and Wildlife Division	\$334,000
2027-605	Kristin	Hall	Priority Actions for Species in Greatest Conservation Need	MN DNR, Ecological and Water Resources Division	\$1,644,000
				SubTotal	\$45,496,000

D. Fish and Wildlife

G. Small Projects (RECEIVED: 23 Proposals / Subtotal - \$5,414,000)

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Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-031	David	Remucal	Recovering and Restoring Rare Native Minnesota Eastern Hemlocks	U of MN, Landscape Arboretum	\$170,000
2027-064	Daniel	Dauwalter	Informing Habitat Restoration Design to Benefit Brook Trout	Trout Unlimited, Inc.	\$298,000
2027-126	Joe	Whittaker	Monitoring of Richardson's Ground Squirrels in NW Minnesota	Concordia College	\$241,000
2027-130	Darin	Ulness	Concordia College Bat Monitoring Project	Concordia College	\$255,000
2027-189	Katya	Kovalenko	Multi-Scale Stream Habitat Complexity Confers Resilience	U of MN, Duluth - NRRRI	\$298,000
2027-194	Elena	West	Advancing Bioacoustics Beyond Species Detection in Minnesota	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$299,000
2027-211	Evangeline	Holley	A Bird's Eye View: One Health STEM Programming	U of MN, Raptor Center	\$232,000
2027-212	Daniel	Pauly	Assessing Minnesota Heritage Trout Lakes for Long-term Protection	Headwaters Project	\$263,000
2027-226	Lynn	Waterhouse	Understanding Cisco Dynamics Using Sentinel Lakes' Monitoring Data	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$280,000
2027-232	Tia	Parks	Mobile Biochar for Invasive Plant Disposal and Suppression	Cook County	\$69,000
2027-253	Jeanine	Refsnider	Impact of "Forever Chemicals" on Blanding's Turtle Health	University of Toledo	\$283,000
2027-258	Julia	Leone	Novel Floral Assessment Tools for Pollinator Habitat Management	Friends of the Mississippi River	\$298,000
2027-272	Ya	Yang	Protecting Minnesota's Native Pondweeds	U of MN, College of Biological Sciences	\$300,000
2027-284	Jonathan	Oliver	Moose Pathogen Surveillance and Genotyping Using Engorged Ticks	U of MN, School of Public Health	\$129,000
2027-303	Jay	Walker	Lake Sturgeon Restoration at Great Lakes Aquarium	Lake Superior Authority	\$130,000
2027-329	Ron	Moen	Minnesota Mammal Atlas	U of MN, Duluth - NRRRI	\$294,000
2027-410	Allen	Mensingher	Reducing Underwater Noise to Benefit Aquatic Life	U of MN, Duluth	\$236,000
2027-442	Annie	Bracey	Saving Common Terns: Decoding Drivers of Population Decline	U of MN, Duluth - NRRRI	\$290,000
2027-444	Devon	Oliver	Evaluation of Redhorse in Mississippi River Tributaries	MN DNR, Fish and Wildlife Division	\$129,000
2027-470	Emily	Pavlovic	Long-Eared Owl Monitoring in Minnesota to Inform Conservation	Hawk Ridge Bird Observatory	\$165,000
2027-599	Lizzy	Larson	Project LEAP	Arrowhead Zoological Society	\$260,000
2027-610	Lynn	Waterhouse	Fish as eDNA Tools to Detect Aquatic Species	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000

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Proposals Received by Category without Summaries

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-613	Henry	Strater	Off-Road Vehicle Wash Stations at Minnesota ORV Parks	Swift County	\$195,000
				SubTotal	\$5,414,000
E. Energy					
(RECEIVED: 22 Proposals / Subtotal - \$26,540,000)					
2027-049	Melissa	DeVetter	Restoration Park Net Zero Energy Building	Dodge County Environmental Services	\$794,000
2027-131	Jun	Li	Data-Driven Design of Anti-Icing Coatings for Heat Pumps	U of MN, College of Science and Engineering	\$510,000
2027-199	Seamus	Kane	Accessible Biogas Fuels for Minnesota's Small Family Farms	U of MN, College of Science and Engineering	\$680,000
2027-200	Ping	Zhao	Low Impact Water Energy Harvesting for Renewable Energy	U of MN, Duluth	\$454,000
2027-215	Ratul	Das	Maximizing Solar Output Under Harsh Minnesotan Weather	U of MN, College of Science and Engineering	\$534,000
2027-239	Brian	Krohnke	Navigating Our Metro to Efficiency and Clean Energy	Community Power	\$1,652,000
2027-256	Alexander	Mehne	Reviving Indigenous Sustainability in Wood Use and Native Plants	Fond du Lac Band of Lake Superior Chippewa	\$1,525,000
2027-335	Jacob	Swanson	RENEW-MN Renewable Energy Workforce Network – Minnesota	Minnesota State Colleges and Universities, Minnesota State University Mankato	\$445,000
2027-356	Keivan	Davami	Improving Industrial Milling Technology for Scalable Biofuel Production	University of Alabama	\$867,000
2027-364	Daniel	Bond	Minnesota Microbes as Living Fertilizers	U of MN, College of Biological Sciences	\$399,000
2027-376	James	Van de Ven	High-Efficiency Hybrid Transmissions for Cleaner Agricultural Vehicles	U of MN, College of Science and Engineering	\$611,000
2027-390	Sam	Toan	Electrochemical CO ₂ -To-Ethanol Conversion for Fuel Cell Systems	U of MN, Duluth	\$629,000
2027-396	Dave	Goebel	enVerde Advanced Sustainable Technology	en Verde LLC	\$6,133,000
2027-412	Melissa	Birch	Minnesota Solar for Soil, Water, and Wildlife	U of MN, Extension Regional Sustainable Development Partnerships	\$1,200,000
2027-415	Geanella	Ochoa	Adopting Closed Loop Geothermal System as Climate-Resilient Solution	Comunidades Organizando el Poder y la Accion Latina	\$604,000
2027-441	Jeff	Havig	Soudan Mine as a Minnesota Subsurface Hydrogen Observatory	U of MN, College of Biological Sciences	\$576,000
2027-446	Craig	Hill	Hardware-in-the-Loop Coastal Wave Energy Conversion: Minnesota's Blue Energy	U of MN, Duluth	\$384,000
2027-449	Soon Li	Teh	Vitivoltaics: Integrating Renewable Energy with Minnesota Grape Production	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$525,000
2027-461	Naomi	Carlson	Community Resilience Collaborative Energy Pilot Projects	Headwaters Regional Development Commission	\$3,823,000

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Proposals Received by Category without Summaries

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-465	Xinyuan	Zheng	Sustainable Recovery of Critical Mineral Elements from Wastes	U of MN, College of Science and Engineering	\$599,000
2027-488	Jian-Ping	Wang	Improving Power Efficiency with Critical Element Free Minnealloy	U of MN, College of Science and Engineering	\$492,000
2027-607	Troy	Goodnough	Demonstrating Innovative Thermal Energy Storage in Cold Climates	U of MN, Morris	\$3,104,000
				SubTotal	\$26,540,000
E. Energy					
G. Small Projects (RECEIVED: 8 Proposals / Subtotal - \$2,205,000)					
2027-043	Benjamin	Worsfold	Next-Generation Wind Turbine Towers for State Electrification	U of MN, College of Science and Engineering	\$272,000
2027-089	Ellen	Thompson	Energizing the Next Generation Through Experiential Learning	Minnesota State Colleges and Universities, Minnesota State University Mankato	\$290,000
2027-093	Xiaowen	Chen	From Minnesota Agricultural Waste to Sustainable Aviation Fuel	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-273	Keiko	Miller	Equitable Access to Renewable Energy Through Community Solar	Minneapolis Climate Action	\$295,000
2027-291	Paul	Chen	Electrified Ethanol-to-Jet Fuel for Minnesota	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$300,000
2027-317	Michael	Levin	Maximum Throughput Ramp Metering Algorithm with Field Testing	U of MN, College of Science and Engineering	\$181,000
2027-464	Prasanth Kumar	Sasidharan Pillai	Enhancing Biodiesel Blend Limits Using Waste Oil-Derived Additives	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$268,000
2027-471	Gwendolyn	Bailey	Developing High-Efficiency Catalysts for Minnesota Corn Oil-to-Fuel Conversions	U of MN, College of Science and Engineering	\$299,000
				SubTotal	\$2,205,000
F. Land					
(RECEIVED: 37 Proposals / Subtotal - \$53,708,000)					
2027-028	Star	Nelson	Minnesota Grazing Stewardship Education and Outreach Program	Minnesota Grazing Lands Conservation Association	\$802,000
2027-051	Josh	Pommier	Precision Grazing – Virtual Grazing for Ecological Outcomes	Pheasants Forever Inc	\$686,000
2027-058	Adrian	Hegeman	Planting for Mineral Extraction and Soil/Water Improvement	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$498,000
2027-077	Melissa	DeVetter	Restoration Park Expansion - Acquisition	Dodge County Environmental Services	\$1,251,000
2027-084	Riley	Buley	Advancing Climate-Smart Agriculture to Reduce Nitrate Pollution	Fillmore County Soil and Water Conservation District	\$6,025,000
2027-085	Dean	Current	Agroforestry Systems for Soil, Water, Habitat and Bioenergy	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$598,000
2027-097	Wiley	Buck	Forest Health in Brainerd Lakes Conservation Focus Area	Great River Greening	\$736,000

2027 LCCMR Request for Proposal (RFP) - FY2028
Proposals Received by Category without Summaries

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-143	Bo	Hu	Cascading Hydrochar Production to Restore Farmed Peat Soils	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$536,000
2027-181	Sara	Reagan	Engaging Landowners in Conservation Easement Stewardship	Board of Water and Soil Resources	\$1,307,000
2027-198	Jennifer	Schmitt	Urban Land and Minnesota's Resilient Future	U of MN, Institute on the Environment	\$1,102,000
2027-217	Jennifer	Grommes	Forest and Savanna Management Through Silvopasture-Phase 3	Great River Greening	\$516,000
2027-246	Rebecca	Montgomery	Fostering Oak Regeneration via Novel Prescribed Burning Strategies	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$342,000
2027-260	Naba	Kalita	Managing Microplastics in Minnesota's Compost and Soils	U of MN, Duluth - NRRRI	\$779,000
2027-262	Joshua	Feinberg	Securing Minnesota's Critical Minerals: Emily Manganese Deposit	U of MN, College of Science and Engineering	\$659,000
2027-269	Jonathan	Schilling	Sharing the Science Behind Outdoor Recreation at Itasca	U of MN, College of Biological Sciences	\$492,000
2027-276	James	Harding	Northern Minnesota Integrated Reforestation and Climate Resilience Initiative	Minnesota State Colleges and Universities, Bemidji State University	\$1,555,000
2027-282	Paulo	Pagliari	Optimizing Biostimulant Use for Minnesota Grain Production Sustainability	U of MN, Southwest Research and Outreach Center	\$890,000
2027-292	Tyler	Nelson	Automated Invasive Detection Using Multispectral and LiDAR UAVs	Real Vision Drones	\$347,000
2027-309	Rylee	Hince	Integrated PFAS Capture and Destruction on Tribal Lands	Prairie Island Indian Community	\$613,000
2027-334	Megan	Lennon	Expanding Minnesota Grazing for Resilient Landscapes	Minnesota Department of Agriculture	\$4,143,000
2027-336	Jessica	Lee	Metropolitan Regional Parks System Land Acquisition Phase 10	Metropolitan Council	\$3,000,000
2027-339	Bo	Hu	Mitigating Soil Salinity in Western Minnesota Landscapes	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$495,000
2027-340	Eric	Buchanan	Agrivoltaics to Improve Agricultural Land Resiliency	U of MN, WCROC	\$2,405,000
2027-349	Logan	Shoup	Minnesota Public Lands Conservation Grazing Coordination	Ducks Unlimited Inc	\$4,671,000
2027-363	Heidi	Wolf	Native Prairie Bank-Private Native Prairie Conservation and Outreach	MN DNR, Ecological and Water Resources Division	\$2,570,000
2027-371	Judy	Elbert	SNA Habitat Enhancement, Public Engagement, and Biodiversity Protection	MN DNR, Ecological and Water Resources Division	\$5,950,000
2027-420	Jason	Allen	Scaling Minnesota's Waste Diversion and Material Reuse Economy	Better Futures Minnesota	\$1,342,000
2027-431	Brian	Olson	NW Regional 9 County Biochar Initiative	Beltrami County	\$3,160,000
2027-447	Vera	Krischik	Pesticide Research and Education to Lower Use	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$496,000

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Proposals Received by Category without Summaries

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
2027-467	Boya	Xiong	Optimizing Benefits of Polymer-Coated Fertilizers on Minnesota Land	U of MN, College of Science and Engineering	\$549,000
2027-474	Uwe	Kortshagen	FIELDS: Farms Integrating Energy, Land, and Dairy Sustainability	U of MN, College of Science and Engineering	\$1,408,000
2027-515	Christy	Haynes	Controlling Oxidative Stress Using Nanobiostimulants for Resilient Crops	U of MN, College of Science and Engineering	\$688,000
2027-536	Karma	Choeyang	Shared Land, Shared Love	The Tehor Tibetan Organization of Minnesota	\$650,000
2027-541	Colleen	Miller	Conservation Finance on School Trust Peatlands	U of MN, College of Food, Agricultural and Natural Resource Sciences	\$877,000
2027-557	Angela	McDonnell	Developing a Vegetation Monitoring Model in Stearns County	Minnesota State Colleges and Universities, St. Cloud State University	\$355,000
2027-564	Megan	Wilcots	On Edge: Investigating Tipping Points of Woody-Encroached Prairies	The Nature Conservancy	\$655,000
2027-590	Joseph	Labuz	Evaluating Geologic Carbon Storage in the Tamarack Intrusion	U of MN, College of Science and Engineering	\$560,000
				SubTotal	\$53,708,000
F. Land					
G. Small Projects (RECEIVED: 11 Proposals / Subtotal - \$2,600,000)					
2027-098	Clara	Shaw	Understanding Nematode Communities in Northeastern Minnesota Soils	U of MN, Duluth	\$184,000
2027-099	Hannah	Lewis	Establishing and Evaluating the Benefits of Urban Mini-Forests	Renewing the Countryside	\$298,000
2027-144	Breanna	Wheeler	Friends of Northfield Area Natural Areas (FoNANA)	Breanna Wheeler Consulting	\$258,000
2027-245	Annette S.	Lee	Turtle Island Skywatchers - Research and Data Visualization 2	Native Skywatchers Inc	\$210,000
2027-302	Carrie	Taylor	Enhancing Anoka Sand Plain Habitat and Biodiversity	Anoka Conservation District	\$295,000
2027-361	Lisa	Luokkala	Protecting the Future of the Superior Hiking Trail	Superior Hiking Trail Association	\$200,000
2027-378	Ed	Potter	Tree Seed Procurement for Future Forests	MN DNR, Forestry Division	\$295,000
2027-408	James	Shaffer	Minneapolis Urban Forest Ecology Restoration, Phase 1	Minneapolis Park and Recreation Board	\$300,000
2027-498	Adam	Arvidson	Ecological Riverbank Restoration at St. Anthony Falls	Minneapolis Park and Recreation Board	\$290,000
2027-500	Alison	Ling	Biosolids PFAS Management: Evaluating Risks, Costs, and Benefits	University of St. Thomas	\$193,000
2027-520	Michele	Peterson	Chatfield Wastewater Treatment Native Reed Plant Study	City of Chatfield	\$77,000
				SubTotal	\$2,600,000

**2027 LCCMR Request for Proposal (RFP) - FY2028
Proposals Received by Category without Summaries**

Proposal ID	First Name	Last Name	Title	Organization	Amount Requested
H. Administration (RECEIVED: 4 Proposals / Subtotal - \$342,000)					
2027-001	LCCMR Universal	Account	LCCMR Administrative Budget 2027-2029*	Legislative-Citizen Commission on Minnesota Resources	\$4,600,000
2027-002	LCCMR Universal	Account	LCC Legacy Website 2027	Legislative-Citizen Commission on Minnesota Resources	\$3,000
2027-003	LCCMR Universal	Account	Emerging Issues Account 2027	Legislative-Citizen Commission on Minnesota Resources	\$0
2027-214	Katherine	Sherman-Hoehn	2027 Contract Agreement Reimbursement	MN DNR, Grants Unit	\$410,000
				SubTotal	\$5,013,000
				Total	\$374,587,000

* This is a placeholder. The actual amount of the two-year budget will be determined at a later date following budget development and LCCMR approval.