

SWIFT Contract number: 254943
Agency Interest ID: 124742
Activity ID: PRO20240001**Project title:** City of Mankato Climate Action Plan

1. Project summary:

Organization: City of Mankato
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Project information

Total cost: **Grant:** \$49,790.00 **Match:** \$54,175.00 **Project Total:** \$103,965.00

Brief project summary:

This project is intended to create an evidence-based roadmap for delivering our fair share of emissions cuts and strengthening our resilience to climate change. The climate action plan will allow our community to take effective action to mitigate climate change and adapt to its effects in the short-term, medium-term, and long-term future.

2. Workplan detail

Task 1 of 9: Data Collection & Review

Task 1: Data Collection & Review

Brief description of activities involved: This includes working with the MPCA to get updated GHG emissions data and estimate existing public and private greenhouse gas emissions, community infrastructure systems, available ecosystem studies, health assessments, energy use, and economic information. Previously prepared relevant studies will be reviewed as part of this task. This information will be used for community engagement and will be included in the project.

Task 2 of 9: Community Outreach & Engagement

Brief description of activities involved: Outreach programs will engage diverse community groups on the potential hazards from climate change and provide transparency on our climate action plan. The public will be engaged early and often throughout the planning process to ensure that goals reflect the needs and priorities of residents.

Task 3 of 9: Transportation Assessment

Brief description of activities involved: Transportation is likely to be a significant emitter of greenhouse gases in Mankato. This activity will build on the understanding of the scale of those emissions and how to reasonably address them.

Task 4 of 9: Ecosystem Assessment

Brief description of activities involved: The City has completed a number of streambank stabilization projects, flood risk reduction, wastewater treatment system analysis and upgrades, stormwater runoff water quality, and water quantity studies and projects. We will review, summarize and quantify the impacts and effects of the existing system and projects completed along with the planning for future project implementation. Restoring, rehabilitating, or improving the function of natural ecosystems can be part of the cost-effective opportunities to address carbon neutrality, water quality improvements, and increase overall community resilience.

Task 5 of 9: Community Resiliency & Vulnerability Evaluation

Brief description of activities involved: Review community climate threats through the lens of vulnerability and potential ways to prepare the community to reduce the human and environmental affects of climate change. This evaluation will include a review of the stormwater management system, Federal flood risk reduction project, waste management systems, drinking water system, energy providers, and socio-economic factors.

Task 6 of 9: Infrastructure Energy and Efficiency Assessment

Brief description of activities involved: Evaluate the current mix of energy sources and major consumers, their emissions and efficiencies and opportunities for reduced emissions and alternative sources.

Task 7 of 9: Community Health Assessment

Brief description of activities involved: Evaluate current community health metrics as they relate to lifestyle, activity, and environment assess the potential changes and mitigating factors for a changing climate and environment.

Task 8 of 9: Community Economic Assessment

Brief description of activities involved: Community economic analysis will examine how a community responds to external forces; gauge desire for commitment to act on shared priorities; and view these results through a vision for climate neutrality and community resilience.

Task 9 of 9: Final Report and Project Deliverables

Subtask 9a: Submit Grant Final Report

Brief description of activities involved: Will provide a final grant project report using the MPCA template approximately one month prior to the end of the grant agreement on June 30, 2025, or at completion of the project, whichever occurs first. Will respond promptly to any requests by the MPCA authorized representative for additional information and/or corrections to the report.

Timeframe: May-June 2025

Subtask 9b: Submit Project Deliverables

Brief description of activities involved: Will provide electronic files of all project deliverables to the MPCA authorized representative prior to the end of the grant agreement on June 30, 2025, or at the completion of the project, whichever occurs first.

Timeframe: May-June 2025

Project deliverables:

To create a plan like a roadmap that will set a course towards climate resilience and carbon neutrality by 2050. We hope to decrease emissions from our buildings, transportation, and waste streams which will have the added benefits of improved indoor and outdoor air quality, limiting our contribution to additional climate change, as well as saving money on utility and fuel bills. The city would also like to strengthen community resilience by preserving natural resources, strengthening community connections, and preparing our infrastructure to withstand climatic changes and extreme weather events.

3. Project budget

Tasks	Grant Funds	In-kind Match	Cash Match	Total budget
City Engineering Staff	\$0.00	\$11,880.00	\$0.00	\$11,880.00
City Environmental Sustainability Coordinator and Staff	\$0.00	\$17,500.00	\$0.00	\$17,500.00
Consultant Project Manager	\$4,890.00	\$0.00	\$2,390.00	\$7,280.00
Consultant Planner	\$13,200.00	\$0.00	\$6,600.00	\$19,800.00
Consultant Engineer	\$22,420.00	\$0.00	\$11,180.00	\$33,600.00
Consultant Scientist	\$8,520.00	\$0.00	\$4,260.00	\$12,780.00
Consultant Admin Staff	\$760.00	\$0.00	\$365.00	\$1,125.00
Project Total	\$49,790.00	\$29,380.00	\$24,795.00	\$103,965.00