

GRANT ANALYSIS FORM OPERATING GRANT PROJECTS/PROGRAMS

Department/Division: City of Milwaukee Department of Public Works - Operations

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Category of Request

New Grant

Grant Continuation

Previous Council File No. _____

Change in Previously Approved Grant

Previous Council File No. _____

Project/Program Title: 2021 Urban Forestry Grant Program – Asset Management System for Municipal Nursery

Grantor Agency: Wisconsin Department of Natural Resources

Grant Application Date: October 1, 2020

Anticipated Award Date: December 2020

1. Description of Grant Project/Program (Include Target Locations and Populations):
The 2021 Urban Forestry grant will implement an asset management system at the Municipal Nursery that effectively and efficiently inventories and manages field-grown trees. The asset management system will incorporate software and hardware applications to reduce in-field labor costs and streamline in-field data entry. Importantly, the inventory system will use a tagging system that travels with each tree linking data from the nursery to the street planting location. This tracking link will allow morbidity and mortality analysis based on tree species and cultivar. The street tree planting program traditionally relies on hearty, proven tree species and cultivars given the harsh growing conditions once planted on the street. Due to environmental stressors, it is necessary to plant a broader range of tree species and cultivars to improve diversity and resiliency of urban tree canopy. The ability to track how well 'experimental' tree species grown at the nursery survive once planted on city streets will inform what trees are grown and managed at the Municipal Nursery.
2. Relationship to City-Wide Strategic Goals and Departmental Objectives:
It is the mission of DPW Operations - Forestry to protect and maintain the city's urban forest which includes 120 miles of boulevards. The return on investment generated by these green assets goes beyond aesthetics including stormwater capture, air and water quality benefits and improved resiliency to climate change. In-house production of trees and plant material at the Municipal Nursery cost-effectively supports street tree planting and boulevard maintenance by growing and maintaining the trees and plant materials used on city streets and medians.
3. Need for Grant Funds and Impact on Other Departmental Operations (Applies only to Programs):
The WDNR grant of \$25,000 (50%) will be used to implement an inventory tracking system at the Municipal Nursery with City match of \$25,000 (50%) funded through the capital tree planting budget.
4. Results Measurement/Progress Report (Applies only to Programs):
5. Grant Period, Timetable and Program Phase-Out Plan:
January 2021 – December 2021
6. Provide a list of Subgrantees:
7. If Possible, complete Grant Budget Form and attach to back.