



# Capital Project Request Form

City of Manitowoc

## Unbudgeted Request

Department or Activity: DPI / Tree removal Date of Submission: 11-18-14

Contact Person: Chad Scheinoha Phone#: 920-374-0402

Project Title: Zoo Hazard tree removal Estimated Useful Life:     

Department Priority (select one) Critical Purpose of Project Request (check one)

Will Request be part of another departments project?  
No  Yes  Department/Project: Snow Bears  
Birds of Prey tree removal

- New Item
- Replace Existing Item: List Age
- Modify Existing Item

Purpose of Expenditure (select one) Increased Safety

Description: Request to pay Serenity Farms to remove a hazard tree that is leaning over the cat building at the zoo. See attached sheet for explanation

### Cost & Recommended Sources of Funding: (Sources can be from sales of existing assets to offset cost of replacement)

Basis of Cost: Quote <input checked="" type="radio"/> Other Project <input type="radio"/> Bid <input type="radio"/> Estimate <input type="radio"/>	Total Cost	\$	<u>2880.00</u>	
	Total Revenue	\$	<u>    </u>	input negative number
	Net Cost	\$	<u>2880</u>	

Will there be additional costs in future years to complete this project? No  Yes  Amount \$     

Net Effect on Operating Costs (+/-) of 'New' Asset for the first year after purchase.

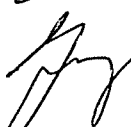

<u>Direct Costs</u>	
Personnel	\$ <u>    </u>
Purchase of Service	\$ <u>    </u>
Material/Supplies/Equip	\$ <u>    </u>
Utilities	\$ <u>    </u>
Other	\$ <u>    </u>
<u>Indirect Costs</u>	
Other	\$ <u>    </u>
Total	\$ <u>    </u>

Net Effect on Operating Costs (+/-) of 'Retaining' Existing Asset for another year.

<u>Direct Costs</u>	
Personnel	\$ <u>    </u>
Purchase of Service	\$ <u>    </u>
Material/Supplies/Equip	\$ <u>    </u>
Utilities	\$ <u>    </u>
Other	\$ <u>damage possible</u>
<u>Indirect Costs</u>	
Other	\$ <u>amount unknown</u>
Total	\$ <u>    </u>

Finance Department Use:  
Account Assigned to Project:       
Approval sent to Contact Person: initials      Date      /      /

Approve UP to \$2,880.00

Age	Name
	
	
	
TMB	
	

## Hazardous Tree Assessment at Lincoln Park / Zoo

It has come to my attention that the large Red Oak tree on the west side of the walkway near the observation platform for the Snow Leopard exhibit is showing several signs of failure, besides the heavy lean to towards the cat building it has a fair amount of dieback in its crown and the bark at the base has begun to buckle and let loose of the cambium layer of the tree.

A sound tree becomes potentially dangerous when the tree's woody structure is weakened by one or more defects. Most defects can be linked to past wounding, decay, pest infestation, severe storms, or to growing conditions that limited the root system. Defects are visible signs that a tree has the potential to fail and the location of a defect signals where failure is most likely to occur. Tree failure can be predicted because defects show us where the tree is likely to fail.

Al Rehme

City of Manitowoc Forester

10 / 29 / 2014

