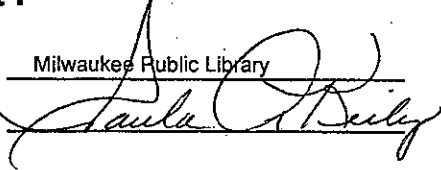


# Capital Improvement Request Form Part I

Project/Program Title: Central Library Program - Interior Improvements Segment  
 Prepared By/Phone Ext: Taj Schoening, ext. 3024  
 Account No: LB141110100

Requesting Department: Milwaukee Public Library  
 Department Head Signature: 

A) Department Priority 4 of 7 Useful Life Varies Years Level of Need  Essential  Important  Desired

Type of Project  New  Replacement  Repair  On-Going Program

Project/Program Scope  Fully Defined  Partially Defined

B) Description

**Infrastructure**

Street Related  Sewer  Water  Street Lighting  Communications  Recreation

Sidewalks  Alleys  Bridge  Environmental  Port  Parking

**Building**

Roof  Windows  HVAC  Electrical  Restroom  Security  Exterior  Entire Facility

ADA  Office Remodeling  New Building  Elevators  Garage  Mechanical

**Miscellaneous Development**

Economic  Information Systems  Equipment  Other Door Key System

C) Project/Program Duration

One Year  Yes  No

On-Going Program  Yes  No

Multi-Year  Yes  No Number of Years \_\_\_\_\_

D) Total Positions \_\_\_\_\_ Total FTEs \_\_\_\_\_

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes  2009-2014  2010-2015  Yes, Modified  New Request

F) Project/Program Justification

This segment of the Central Library Program encompasses restoration, preservation, and renovation of the interior of the building. The work includes repairs to mosaic tile and scagliola in the rotunda; renovation, upgrades and modernization; lighting upgrades; as well key access. As a public and historic building it is imperative that the City maintain and restore the interior of the building. The Central Library is a significant factor in the vitality of Milwaukee as well as the region receiving over 500,000 visitors each year. The impact from such a high level of use by the public necessitates a scheduled repair and replacement program. While the life of carpet, hard surface flooring and paint are extended by repairing damaged areas the constant traffic wears areas out that often create tripping hazards. In the main rotunda portions of Library the mosaic tiles have popped out and many areas of the scagliola columns have cracked or pulled away from the substrate. The Library's approach to restoration of the scagliola and mosaic tile is to systematically repair sections of these areas every year.

G) Additional Comments

The Central Library uses a manual key system for all interior and exterior door locks. Access is controlled by creating different "change" keys for doors. The lock company has informed us that our system is very close to the maximum threshold for key variations. To improve security and eliminate the need to make new keys and rekey door locks we are proposing installation of a card access system. This type of system allows the Library to issue access cards to library staff that can be programmed to limit access and easily make changes, rather than issuing multiple keys. In 2011 and 2012 we have requested funding to install a new card access system. In addition to the final phase if the key system change in 2012 we will upgrade staff work areas on the third floor that have not been updated since the 1960's. Painting and carpeting upgrades are based on a fifteen year cycle and condition of the area. In 2013 and 2014 we will replace carpeting on the first floor that was installed in 1996 and 1998. In 2015 the the Business, Science and Technology area which was renovated in 2000 will be recarpeted and painted. In 2016 we will have the dome in the main rotunda repaired and repainted.

# Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: Central Library Program - Interior Improvements Segment

Account No: LB141110100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2010						\$0
2011 Budget Request	\$400,000					\$400,000
2012 Projection	\$1,225,000					\$1,225,000
2013 Projection	\$400,000					\$400,000
2014 Projection	\$400,000					\$400,000
2015 Projection	\$525,000					\$525,000
2016 Projection	\$500,000					\$500,000
<b>Total Six Year Cost</b>	<b>\$3,450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,450,000</b>
<b>Total Project Cost</b>	<b>\$3,450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,450,000</b>

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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**Available Cost Estimate:**

- Thorough Cost Estimate  2011  2012  2013  2014  2015  2016
- Limited Information  2011  2012  2013  2014  2015  2016
- Based on Cost of Similar Projects  2011  2012  2013  2014  2015  2016
- Unsupported  2011  2012  2013  2014  2015  2016

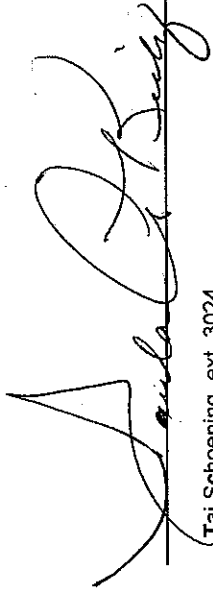
- Were cost estimates confirmed by another source?  Yes  No  Uncertain
- Are cost estimates based on industry standards?  Yes  No  Uncertain
- Will city employees be performing any portion of the work?  Yes  No  Uncertain
- Did you perform a cost/benefit analysis?  Yes  No  Uncertain

How will this project impact city operating expenditures?  Increase  Decrease  None

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature

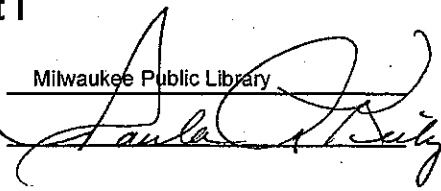


Prepared By/Phone Ext

Taj Schoening, ext. 3024

# Capital Improvement Request Form Part I

Project/Program Title: Central Library Program - Exterior Improvements Segment  
 Prepared By/Phone Ext: Taj Schoening, ext. 3024  
 Account No: LB141110100

Requesting Department: Milwaukee Public Library  
 Department Head Signature: 

A) Department Priority 3 of 7 Useful Life Varies Years Level of Need  Essential  Important  Desired

Type of Project  New  Replacement  Repair  On-Going Program  
 Project/Program Scope  Fully Defined  Partially Defined

B) Description

**Infrastructure**  
 Street Related  Sewer  Water  Street Lighting  Communications  Recreation  
 Sidewalks  Alleys  Bridge  Environmental  Port  Parking

**Building**  
 Roof  Windows  HVAC  Electrical  Restroom  Security  Exterior  Entire Facility  
 ADA  Office Remodeling  New Building  Elevators  Garage  Mechanical

**Miscellaneous Development**  
 Economic  Information Systems  Equipment  Other \_\_\_\_\_

C) Project/Program Duration

One Year  Yes  No  
 On-Going Program  Yes  No  
 Multi-Year  Yes  No Number of Years \_\_\_\_\_

D) Total Positions \_\_\_\_\_ Total FTEs \_\_\_\_\_

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan  
 Yes  2009-2014  2010-2015  Yes, Modified  New Request

F) Project/Program Justification  
 This segment of the Central Library Program encompasses the exterior facade of the Central Library (limestone block and balusters, Chicago brick, marble block, windows, lighting, and roofs). Years of weathering has resulted in cracks, which allow moisture to seep behind stone and masonry surfaces, eroding the joints and breaking off pieces of the stone detail. The Library has approached preservation of the exterior by systematically repairing sections of the building. Tuckpointing and replacement of stone or brick extends the life of the structure and avoids increased damage and possible injury from falling debris. Repairs will last for about 50 years.

G) Additional Comments  
 The interior courtyards had tuckpointing and brick repairs done in prior years. In 2008 the Wisconsin Avenue facade was repaired, which included replacement of entry sills and many stone balusters. In 2010 renovation work will be completed on the Centennial Hall ADA entry and the drive through. In 2010 the exterior will also be repainted. Budget requests for 2011 through 2014 reflect continuation of the masonry repairs. The budget request for 2016 reflects replacement of the remaining roofs. All of this work is absolutely critical to preserve the building structure.

# Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Account No: LB141110100

Project/Program Title: Central Library Program - Exterior Improvements Segment

Special Assessment: \_\_\_\_\_

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2010						\$0
2011 Budget Request	\$100,000					\$100,000
2012 Projection	\$100,000					\$100,000
2013 Projection	\$130,000					\$130,000
2014 Projection	\$130,000					\$130,000
2015 Projection	\$0					\$0
2016 Projection	\$900,000					\$900,000
<b>Total Six Year Cost</b>	<b>\$1,360,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,360,000</b>
<b>Total Project Cost</b>	<b>\$1,360,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,360,000</b>

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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**Available Cost Estimate:**

- Thorough Cost Estimate  2011  2012  2013  2014  2015  2016
- Limited Information  2011  2012  2013  2014  2015  2016
- Based on Cost of Similar Projects  2011  2012  2013  2014  2015  2016
- Unsupported  2011  2012  2013  2014  2015  2016

Were cost estimates confirmed by another source?  Yes  No  Uncertain

Are cost estimates based on industry standards?  Yes  No  Uncertain

Will city employees be performing any portion of the work?  Yes  No  Uncertain

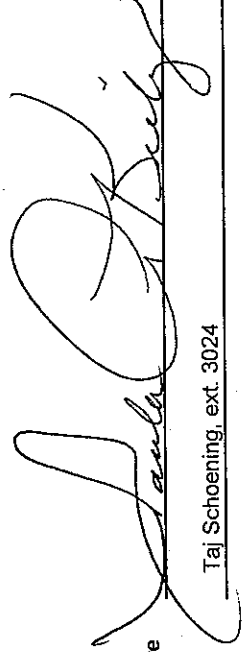
Did you perform a cost/benefit analysis?  Yes  No  Uncertain

How will this project impact city operating expenditures?  Increase  Decrease  None

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

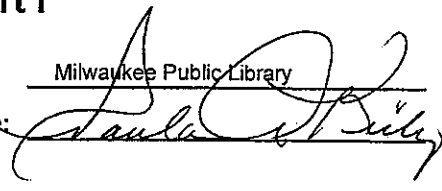
Department Head Signature



Prepared By/Phone Ext

Taj Schoening, ext. 3024

# Capital Improvement Request Form Part I

**Project/Program Title:** Central Library Program - Mechanicals Improvements Segment      **Requesting Department:** Milwaukee Public Library  
**Prepared By/Phone Ext:** Taj Schoening, ext. 3024      **Department Head Signature:**   
**Account No:** LB141110100

**A) Department Priority** 2 of 7      **Useful Life** Varies Years      **Level of Need**  Essential     Important     Desired  
**Type of Project**     New     Replacement     Repair      **Project/Program Scope**     Fully Defined     Partially Defined  
 On-Going Program

**B) Description**  
**Infrastructure**  
 Street Related     Sewer     Water     Street Lighting     Communications     Recreation  
 Sidewalks     Alleys     Bridge     Environmental     Port     Parking  
**Building**  
 Roof     Windows     HVAC     Electrical     Restroom     Security     Exterior     Entire Facility  
 ADA     Office Remodeling     New Building     Elevators     Garage     Mechanical  
**Miscellaneous Development**  
 Economic     Information Systems     Equipment     Other \_\_\_\_\_

**C) Project/Program Duration**  
 One Year                     Yes     No  
 On-Going Program         Yes     No  
 Multi-Year                 Yes     No      Number of Years \_\_\_\_\_

**D) Total Positions** \_\_\_\_\_      **Total FTEs** 0.2

Position Title	Business Operations Manager	No. of Positions	1	FTEs	0.2	Salaries	\$	26,000
_____	_____	_____	_____	_____	_____	_____	\$	_____
_____	_____	_____	_____	_____	_____	_____	\$	_____

**E) In Six Year Capital Improvement Plan**  
 Yes     2009-2014     2010-2015       Yes, Modified       New Request

**F) Project/Program Justification**  
 This segment of the Central Library Program addresses the building's equipment and systems responsible for the safety and comfort of building occupants: HVAC, electrical, building controls, fire safety, security and elevators. The useful life of major HVAC equipment, electrical transformers and elevators ranges from 35 to 50 years, building management controls and security systems about 15 years. Updating aged equipment with new technology lowers energy use and repair costs. The Central Library uses 7 chillers and 1 cooling tower to cool the building. The oldest chiller was installed in 1985 and the cooling tower in 1970. The HVAC system uses 24 air handling units; seven of them installed in 1955. Replacement of these units with new equipment using variable air volume and new controls will improve energy efficiency. There are four elevators original to the 1953 annex. They are not ADA compliant and parts are increasingly difficult to obtain.

**G) Additional Comments**  
 The Library has two fire alarm systems in the building. During the renovations of the public areas the portion of the fire alarm system in those areas was upgraded, adding horns and strobes to meet ADA and linking it to the building management system. The non-public floors have never been renovated and continuing budget constraints have postponed upgrades. The non-public floors still need to have strobes added and be linked to the building management system which allows identification of the exact location of the alarm for the Fire Department. The capital plan has scheduled replacement of air handling units in 2011, 2012 and 2014; upgrades to the fire alarm system in 2013; replacement of the cooling tower in 2013; a chiller in 2016; upgrading the elevators between 2013 and 2016; and addressing the need to improve the environmental conditions for material preservation in the tiers in 2014.

# Capital Improvement Request Part II

**Requesting Department:** Milwaukee Public Library LB141110100  
**Project/Program Title:** Central Library Program - Mechanicals Improvements Segment Account No:

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2010						\$0
2011 Budget Request	\$226,000					\$226,000
2012 Projection	\$237,000					\$237,000
2013 Projection	\$1,028,000					\$1,028,000
2014 Projection	\$2,029,000					\$2,029,000
2015 Projection	\$30,000					\$30,000
2016 Projection	\$650,000					\$650,000
<b>Total Six Year Cost</b>	\$4,200,000	\$0	\$0	\$0	\$0	\$4,200,000
<b>Total Project Cost</b>	\$4,200,000	\$0	\$0	\$0	\$0	\$4,200,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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**Available Cost Estimate:**

- Thorough Cost Estimate  2011  2012  2013  2014  2015  2016
- Limited Information  2011  2012  2013  2014  2015  2016
- Based on Cost of Similar Projects  2011  2012  2013  2014  2015  2016
- Unsupported  2011  2012  2013  2014  2015  2016

Were cost estimates confirmed by another source?  Yes  No  Uncertain

Are cost estimates based on industry standards?  Yes  No  Uncertain

Will city employees be performing any portion of the work?  Yes  No  Uncertain

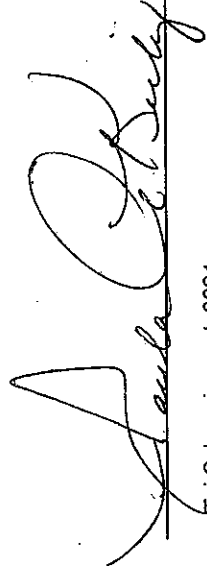
Did you perform a cost/benefit analysis?  Yes  No  Uncertain

How will this project impact city operating expenditures?  Increase  Decrease  None

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature



Prepared By/Phone Ext

Taj Schoening, ext. 3024

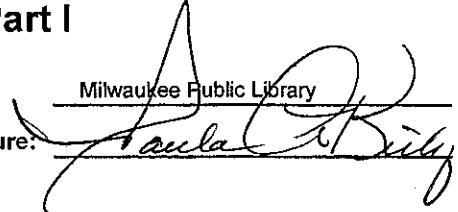
# Capital Improvement Request Form Part I

**Project/Program Title:** Neighborhood Library Program - New Construction Segment

**Prepared By/Phone Ext:** Taj Schoening, ext. 3024

**Account No:** LB145110100

**Requesting Department:** Milwaukee Public Library

**Department Head Signature:** 

**A) Department Priority** 1 of 7 **Useful Life** 40 Years **Level of Need**  Essential  Important  Desired

**Type of Project**  New  Replacement  Repair  On-Going Program

**Project/Program Scope**  Fully Defined  Partially Defined

**B) Description**

**Infrastructure**

Street Related  Sewer  Water  Street Lighting  Communications  Recreation

Sidewalks  Alleys  Bridge  Environmental  Port  Parking

**Building**

Roof  Windows  HVAC  Electrical  Restroom  Security  Exterior  Entire Facility

ADA  Office Remodeling  New Building  Elevators  Garage  Mechanical

**Miscellaneous Development**

Economic  Information Systems  Equipment  Other \_\_\_\_\_

**C) Project/Program Duration**

One Year  Yes  No

On-Going Program  Yes  No

Multi-Year  Yes  No **Number of Years** 7

**D) Total Positions** \_\_\_\_\_ **Total FTEs** \_\_\_\_\_

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

**E) In Six Year Capital Improvement Plan**

Yes  2009-2014  2010-2015  Yes, Modified  New Request

**F) Project/Program Justification**

This segment of the Neighborhood Library Program addresses the need for new library models. Seven branch libraries were built in the mid to late 1960s. All of the HVAC systems are original and have outlasted their service life. In some cases, the buildings do not justify investment needed for HVAC replacements and renovations. In conjunction with a facilities plan that looks to the future of the system, MPL will replace some buildings using mixed-use or Area Library models. These new buildings will be much more energy efficient and flexible, able to be adapted to meet changing needs of citizens and technology. In 2010 and 2011 a new Villard Library will be constructed in a mixed-use building. The 2011 and 2012 budget requests include an area library for the northwest side of the City, a mixed-use library on the east side, and two express centers. In 2014 and 2015 the budget request includes a second area library to be constructed on the south side of the City. A third mixed use library building is budgeted to begin in 2016.

**G) Additional Comments**

The mixed-use model will serve as an anchor of learning in targeted areas to support early literacy, educational attainment, workforce development and small business development. These "Learning Campus" libraries will be mid-sized with specialized collections and individual and group study spaces to support the learn and earn strategy. Area libraries will be strategically placed to serve those patrons with a high level of demand for reference, training, and collection-related services. Circulation of materials will be high, as will attendance at programs and use of available technology. All new libraries will provide flexible space, ample access to technology, and sustainable features.

# Capital Improvement Request Part II

**Requesting Department:** Milwaukee Public Library      **Account No.:** LB145110100  
**Project/Program Title:** Neighborhood Library Program - New Construction Segment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2010						\$0
2011 Budget Request	\$2,300,000		\$1,000,000			\$3,300,000
2012 Projection	\$7,300,000					\$7,300,000
2013 Projection	\$0					\$0
2014 Projection	\$1,000,000					\$1,000,000
2015 Projection	\$6,000,000					\$6,000,000
2016 Projection	\$500,000					\$500,000
<b>Total Six Year Cost</b>	\$17,100,000	\$0	\$1,000,000	\$0	\$0	\$18,100,000
<b>Total Project Cost</b>	\$17,100,000	\$0	\$1,000,000	\$0	\$0	\$18,100,000

Life to Date Expenditures (Project Only)

	2013	2014	2015	2016	
\$0	\$0	\$0	\$0	\$0	\$0

**Available Cost Estimate:**

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?  Yes  No  Uncertain

Are cost estimates based on industry standards?  Yes  No  Uncertain

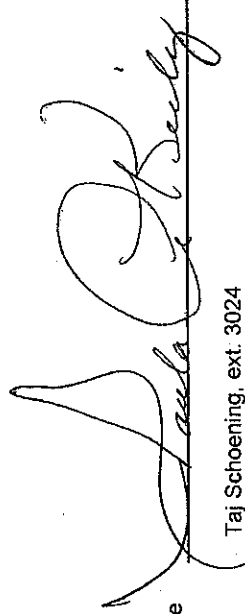
Will city employees be performing any portion of the work?  Yes  No  Uncertain

Did you perform a cost/benefit analysis?  Yes  No  Uncertain

How will this project impact city operating expenditures?  Increase  Decrease  None

Estimated Start Date: \_\_\_\_\_ 2010

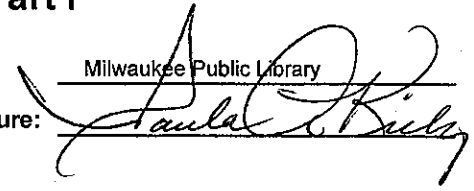
Estimated Completion Date: \_\_\_\_\_ 2017

Department Head Signature:   
 Prepared By/Phone Ext: Taj Schoening, ext. 3024



# Capital Improvement Request Form Part I

**Project/Program Title:** Neighborhood Library Program - Interior Improvements Segment  
**Prepared By/Phone Ext:** Taj Schoening, ext. 3024  
**Account No:** LB145110100

**Requesting Department:** Milwaukee Public Library  
**Department Head Signature:** 

**A) Department Priority** 7 of 7 **Useful Life** Varies Years **Level of Need**  Essential  Important  Desired  
**Type of Project**  New  Replacement  Repair **Project/Program Scope**  Fully Defined  Partially Defined  
 On-Going Program

**B) Description**  
**Infrastructure**  
 Street Related  Sewer  Water  Street Lighting  Communications  Recreation  
 Sidewalks  Alleys  Bridge  Environmental  Port  Parking  
**Building**  
 Roof  Windows  HVAC  Electrical  Restroom  Security  Exterior  Entire Facility  
 ADA  Office Remodeling  New Building  Elevators  Garage  Mechanical  
**Miscellaneous Development**  
 Economic  Information Systems  Equipment  Other \_\_\_\_\_

**C) Project/Program Duration**  
 One Year  Yes  No  
 On-Going Program  Yes  No  
 Multi-Year  Yes  No **Number of Years** \_\_\_\_\_

**D) Total Positions** \_\_\_\_\_ **Total FTEs** \_\_\_\_\_

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

**E) In Six Year Capital Improvement Plan**  
 Yes  2009-2014  2010-2015  Yes, Modified  New Request

**F) Project/Program Justification**  
 This segment of the Neighborhood Library Program encompasses preservation and upgrade of the interiors of the branch libraries. The work includes interior renovations and lighting as well as re-carpeting and painting. Each branch library is a significant factor in the vitality of its neighborhood. As public buildings it is imperative that the buildings continue to be maintained and modernized. Painting and re-carpeting are scheduled on a 15 to 18 year basis due to the number of people using the buildings. An average of about 150,000 people use a branch library every year. Five of our current branch libraries built in the late 1960's and early 1970's have never been renovated.

**G) Additional Comments**  
 In 2016 we have scheduled updating the interior of the Center Street Library.

# Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Account No: LB145110100

Project/Program Title: Neighborhood Library Program - Interior Improvements Segment

Special Assessment: \_\_\_\_\_

Revenue: \_\_\_\_\_

Enterprise: \_\_\_\_\_

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2010						\$0
2011 Budget Request	\$0					\$0
2012 Projection	\$0					\$0
2013 Projection	\$0					\$0
2014 Projection	\$0					\$0
2015 Projection	\$0					\$0
2016 Projection	\$800,000					\$800,000
<b>Total Six Year Cost</b>	\$800,000	\$0	\$0	\$0	\$0	\$800,000
<b>Total Project Cost</b>	\$800,000	\$0	\$0	\$0	\$0	\$800,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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**Available Cost Estimate:**

- Thorough Cost Estimate  2011  2012  2013  2014  2015  2016
- Limited Information  2011  2012  2013  2014  2015  2016
- Based on Cost of Similar Projects  2011  2012  2013  2014  2015  2016
- Unsupported  2011  2012  2013  2014  2015  2016

Were cost estimates confirmed by another source?  Yes  No  Uncertain

Are cost estimates based on industry standards?  Yes  No  Uncertain

Will city employees be performing any portion of the work?  Yes  No  Uncertain

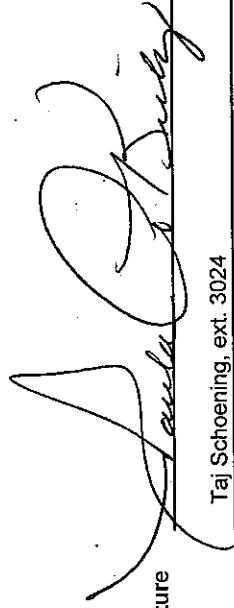
Did you perform a cost/benefit analysis?  Yes  No  Uncertain

How will this project impact city operating expenditures?  Increase  Decrease  None

Estimated Start Date: \_\_\_\_\_ Ongoing

Estimated Completion Date: \_\_\_\_\_ Ongoing

Department Head Signature

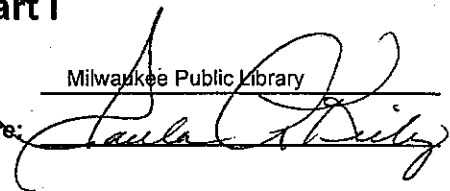


Prepared By/Phone Ext

Taj Schoening, ext. 3024

# Capital Improvement Request Form Part I

Project/Program Title: Neighborhood Library Program - Exterior Improvements Segment  
 Prepared By/Phone Ext: Taj Schoening, ext. 3024  
 Account No: LB145110100

Requesting Department: Milwaukee Public Library  
 Department Head Signature: 

A) Department Priority 6 of 7 Useful Life Varies Years Level of Need  Essential  Important  Desired

Type of Project  New  Replacement  Repair  On-Going Program

Project/Program Scope  Fully Defined  Partially Defined

B) Description

**Infrastructure**

Street Related  Sewer  Water  Street Lighting  Communications  Recreation  
 Sidewalks  Alleys  Bridge  Environmental  Port  Parking

**Building**

Roof  Windows  HVAC  Electrical  Restroom  Security  Exterior  Entire Facility  
 ADA  Office Remodeling  New Building  Elevators  Garage  Mechanical

**Miscellaneous Development**

Economic  Information Systems  Equipment  Other \_\_\_\_\_

C) Project/Program Duration

One Year  Yes  No  
 On-Going Program  Yes  No  
 Multi-Year  Yes  No Number of Years \_\_\_\_\_

D) Total Positions \_\_\_\_\_ Total FTEs \_\_\_\_\_

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes  2009-2014  2010-2015  Yes, Modified  New Request

F) Project/Program Justification

This segment of the Neighborhood Library Program encompasses maintenance of the exterior facades of the branch libraries. The work includes repair and/or replacement of masonry, wood, windows, lighting, roofs, signage, and parking lots. Exterior elements have varied life spans. Windows and flat roofs can last 20 to 25 years while exterior paint lasts about 8 years. Parking lot surfaces, signage and lighting can be repaired but must be replaced after about 25 years. The useful life of masonry and concrete varies depending on location and weather. Many of the parking lots have been resurfaced several times and are at the end of their life.

G) Additional Comments

In 2014 the roof of the Center Street Library is scheduled for replacement.

# Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Neighborhood Library Program - Exterior Improvements Segment

Project/Program Title: LB145110100

Account No: LB145110100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2010						\$0
2011 Budget Request	\$0					\$0
2012 Projection	\$0					\$0
2013 Projection	\$0					\$0
2014 Projection	\$175,000					\$175,000
2015 Projection	\$0					\$0
2016 Projection	\$0					\$0
<b>Total Six Year Cost</b>	\$175,000	\$0	\$0	\$0	\$0	\$175,000
<b>Total Project Cost</b>	\$175,000	\$0	\$0	\$0	\$0	\$175,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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**Available Cost Estimate:**

- Thorough Cost Estimate  2011  2012  2013  2014  2015  2016
- Limited Information  2011  2012  2013  2014  2015  2016
- Based on Cost of Similar Projects  2011  2012  2013  2014  2015  2016
- Unsupported  2011  2012  2013  2014  2015  2016

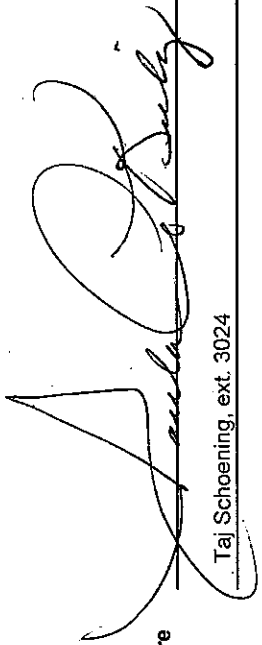
- Were cost estimates confirmed by another source?  Yes  No  Uncertain
- Are cost estimates based on industry standards?  Yes  No  Uncertain
- Will city employees be performing any portion of the work?  Yes  No  Uncertain
- Did you perform a cost/benefit analysis?  Yes  No  Uncertain

How will this project impact city operating expenditures?  Increase  Decrease  None

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature

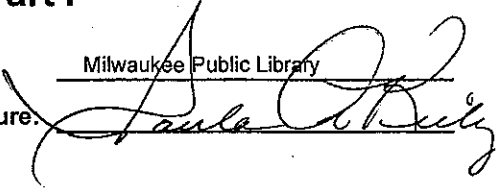


Prepared By/Phone Ext

Taj Schoening, ext. 3024

# Capital Improvement Request Form Part I

Project/Program Title: Neighborhood Library Program - Mechanicals Improvements Segment  
 Prepared By/Phone Ext: Taj Schoening, ext. 3024  
 Account No: LB145110100

Requesting Department: Milwaukee Public Library  
 Department Head Signature: 

A) Department Priority 5 of 7 Useful Life Varies Years Level of Need  Essential  Important  Desired

Type of Project  New  Replacement  Repair  On-Going Program

Project/Program Scope  Fully Defined  Partially Defined

B) Description

**Infrastructure**

Street Related  Sewer  Water  Street Lighting  Communications  Recreation  
 Sidewalks  Alleys  Bridge  Environmental  Port  Parking

**Building**

Roof  Windows  HVAC  Electrical  Restroom  Security  Exterior  Entire Facility  
 ADA  Office Remodeling  New Building  Elevators  Garage  Mechanical

**Miscellaneous Development**

Economic  Information Systems  Equipment  Other \_\_\_\_\_

C) Project/Program Duration

One Year  Yes  No

On-Going Program  Yes  No

Multi-Year  Yes  No Number of Years \_\_\_\_\_

D) Total Positions \_\_\_\_\_ Total FTEs \_\_\_\_\_

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes  2009-2014  2010-2015  Yes, Modified  New Request

F) Project/Program Justification

This segment of the Neighborhood Library Program addresses the building equipment and systems responsible for the safety and comfort of building occupants; HVAC, electrical, building controls, fire safety, and security. The useful life of major HVAC equipment is about 35 years, building management controls and security systems about 15 years. The Library has seven branches that were built between 1964 and 1971. All of the HVAC systems are original and have outlasted their service life. The frequency of major repairs and equipment breakdown has increased. This equipment must be addressed within the next three to five years to avoid breakdowns that will require emergency replacement. New equipment is much more energy efficient, helping the Library meet the Mayor's mandate to reduce energy consumption in city buildings. In 2005 MPL started converting the building management controls to web based protocol. Where possible conversion will take place as part of HVAC upgrades.

G) Additional Comments

Replacement of the HVAC system at the Tippecanoe Library is budgeted in 2013 due to its age and the location of the equipment in the ceiling.

# Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Account No: LB145110100

Project/Program Title: Neighborhood Library Program - Mechanicals Improvements Segment

Special Assessment Revenue

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2010						\$0
2011 Budget Request	\$0					\$0
2012 Projection	\$0					\$0
2013 Projection	\$875,000					\$875,000
2014 Projection	\$0					\$0
2015 Projection	\$0					\$0
2016 Projection	\$0					\$0
<b>Total Six Year Cost</b>	<b>\$875,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$875,000</b>
<b>Total Project Cost</b>	<b>\$875,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$875,000</b>

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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**Available Cost Estimate:**

- Thorough Cost Estimate  2011  2012  2013  2014  2015  2016
- Limited Information  2011  2012  2013  2014  2015  2016
- Based on Cost of Similar Projects  2011  2012  2013  2014  2015  2016
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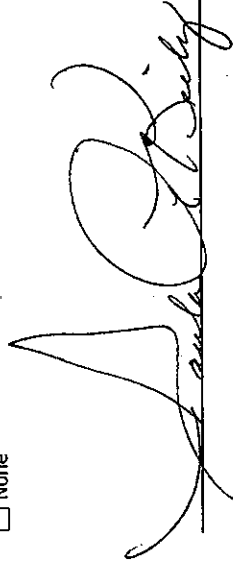
- Were cost estimates confirmed by another source?  Yes  No  Uncertain
- Are cost estimates based on industry standards?  Yes  No  Uncertain
- Will city employees be performing any portion of the work?  Yes  No  Uncertain
- Did you perform a cost/benefit analysis?  Yes  No  Uncertain

How will this project impact city operating expenditures?  Increase  Decrease  None

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature



Prepared By/Phone Ext

Taj Schoening, ext. 3024