MILWAUKEE WATER WORKS

2012 CAPITAL IMPROVEMENT PROGRAM

Distribution Mains	\$ 3,500,000
Feeder Mains	500,000
Total Mains	\$ 4,000,000

	WATER PLANT PROJECTS	
	PROJECT CATEGORY	ESTIMATED COST
1.	Linnwood Plant Building Improvements	
2.	Linnwood Plant Treatment Improvements	
3.	Howard Plant Building Improvements	
4.	Howard Plant Treatment Improvements	
5.	Pump Facilities Improvements	800,000
6.	Storage Facilities Improvements	
7.	Meter Repair Shop	150,000
8.	Backup Power Generation	
9.	Capital Projects Contingencies	
тот	AL WATER PLANT PROJECTS	\$ 950,000
TOT	AL MAINS	4,000,000
TOT	AL PROGRAM	<u>\$ 4,950,000</u>

	. mer tin		
	. 323 w		y.·

2012 - 2017 CAPITAL IMPROVEMENTS

PROGRAM REQUESTS

			and g
	· #		m - ‡

COPY for

MILWAUKEE WATER WORKS CAPITAL IM	KS	CAPITAL	IMP	PROVEMENTS	- 101 - 101		forch 0 0044				
2012 - 2017						200	Nev. March 6, 2011 PM	W.			The second secon
IMPROVEMENTS			+-								2012 - 2017
WATER MAIN IMPROVEMENTS	+	2012	-	2013	2014		2015	2046		1746	SIX YEAR
Distribution Mains	+							0107		7107	TOTAL
Total - Distribution Mains	64	3 600 00		000							
Replacements	•	3,000,000	7	3,500,000	5,500,000	~	8,500,000	10.000.000	S 000 0		-
Developer	+	3,370,000	3	3,370,000	5,100,000		8,100,000		9 600 000	11 100 000	١
Assessable	+	100,000		100,000	300,000		300,000	30.5	30,000	000,000	40,640,000
	-	30,000		30,000	100,000		100,000	100	100,000	100,000	1,400,000
Feeder Mains	+								200	000,001	460,000
Total - Feeder Mains	•	500,000	\$	500,000	\$ 750.000	9	750 000			F - F	
Total Water Main Impression	-			 		+	000,000	, 1,000	\$ 000,000,	1,000,000	\$ 4,500,000
	w	4,000,000	\$ 0	\$ 000,000,	6,250,000	5	9,250,000	\$ 11,000,000	\$ 000.	12.500.000 \$	47 000 000
	-						+		+		
PLANT IMPROVILOCATION			-								
	-										
1 Linnwood Plant Building Improvements	-									-	The state of the s
Security upgrade: gate/quard	•	*	•	200,000	1	•	•	9		•	000 000
Instrumentation shop space	-								-		400,000
Roof replacements	+										
Replace sanitary sewer main	-			000							
Roadway repaving and lighting	-		-	200,000							200 000
Cover filter skylights											000,002
Paint North Point tower	+										
Filter building ceilings	-									The state of the s	
Structural modifications			-								The state of the s
LINDWOOD Plant Treatment Improvements	•	•	4	200,000						AND A PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS	The state of the s
Motor control centers, cont.				£00,000	1,650,000	5	2,100,000	•			3 950 000
Valves for ozone bypass			-	000							2001200
Chemical feed upgrade			-	200,000	1,450,000						1 650 000
Flant residuals handling system study	-		-				200,000				000,000,
Washwater system	-		-								000,000
Filter media replacement	-				200,000		1,600,000				1 800 000
Advanced processes	_								-		ດດດ ດດດ ເ
Naw water pumps #3 and #4											
Ozone contactor roof	-										
	-		-								Carlotte and the Carlot
3 Howard Plant Building Improvements	•		4	-						NATIONAL AND ADDRESS OF THE PARTY OF THE PAR	The state of the s
Resurtace concrete drive				\$ 000,000	•	•	310,000 \$			•	660.000
											,

3/9/2011 4:10 PM 2012 Budget PROJECTED CIP 2012 - 2017 A DG-1 2012-2017

COPY for -

AUT 2 - 2017 AUT 2 - 2017 AUT 2 - 2013 AUT 2 - 2014 AUT	2, 20 0, 00			- 50 - 50				
September Sept	7107 - 2012							2012 - 2017
State December State S	MPROVEMENTS	2042						SIX YEAR
The control of the	Machine shoo increde	7107	2013	2014	2016	2016	2017	TOTAL
March operation center	Instrumentation shop							
March Marc	Maintenance operation center							The second secon
Security Router Route	Filter building roof							
Feed Storage Tenk	Drive House & Corridor Roof		350 000					
Teed Storage Tank 1,000,000 1,000,00	Loading dock		000,000					350,000
Total Treatment Improvements \$ \$ 100,000 \$	Chemical Feed Storage Tank				310.000			310 000
10 10 10 10 10 10 10 10	4 Howard Plant Treatment Improvements	3			+-+			000
Facilities Improvements Facilities Fac	Floculator evetem inorada	•		1,000,000		•	•	
Place Control feducion Control fedicion Con	Ozone bido wall stabilization/repair		100,000	1,000,000				1,100,000
li plug flow li plug flow li plug flow little media litt	Ozone contactor roof refurbishing							•
leed storage tank SHC	Clearwell plug flow							
filter media filt	Chemical feed storage tank SHC						A THE RESIDENCE OF THE PARTY OF	
Legit Valve operations Section	Replace filter media						And the second s	•
System upgrades/efficiency System upgrades/efficiency System upgrades/efficiency System upgrades/efficiency System upgrades Sy	Filter effluent valve operators							
Pacificial Improvements	Electrical system upgrades/efficiency						AND THE RESERVE AND THE PROPERTY OF THE PROPER	
Facilities improvements \$ 800,000 \$. \$ 1,200,000 \$ 600,000 \$ 600,000 \$ 3.3 Italian backup station	Advanced processes							
Facilities Improvements \$ 800,000 \$ - \$ 1,200,000 \$ 600,000 \$ 5,00								•
Pacilities Improvements \$ 800,000 \$ 1,200,000 \$ 600,000 \$ 3, 2,200,000 \$ 3, 2,2,2,00,000 \$ 3,00,000 \$ 3,00,000 \$ 3,00,000 \$ 3,00,000 \$ 3,00,000 \$ 3,00,000 \$ 3,00,000 \$ 3,000,000 \$ 3,							The state of the s	
Each of the properties Purryes, pipes & valves Purryes, pipes & purryes Purryes, pipes & purryes Purryes, pipes & purryes Purryes, pipes Purryes, pipe	5 Pump Facilities Improvements			1,200,000	200,000			<u>_</u>
e Pumps, pipes & valves 900,000 1, Substation Substation 500,000 1, Valves & pumps 800,000 600,000 600,000 E Turnel Inspect Adjustable frequency drives 600,000 600,000 600,000 Isbon Adjustable frequency drives 600,000 600,000 600,000 600,000 Ind Pump upgrades 600,000 600,000 600,000 600,000 600,000 Ind VFD Security upgrades 600,000 <	Florist Station: backup station							
Substation Stude a pumps 500,000 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,				000				
Valves 8 pumps Valves 8 pumps Stock 1000 Stock 10000 Stock 1000 Stock 1000 Stock 1000 Stock 1000 Stock 1000 Stock 1				200,000			200,00	
Equipoperation 800,000	Lincoln Valves & pumps							•
Soo interchange 20% Soo interchange 20%	side Tunnel	800 000						
Security upgrades								800,000
Pump upgrades Pump upgrades Pump upgrades Pump upgrades Pump upgrades Pump and station upgrades Pump and station upgrades Pump and station upgrades Pump upg	/Lisbon							•
Elec upgrades, power mon					000 000		A SAME THE PASSES OF THE PASSE	•
HVAC HVAC nat Pump and station upgrades 500,000 lint Pump upgrades 500,000 Energy efficiency Security upgrades Ind VFD VAC Dehumidification 300,000 300,000 Qee Facilities improvements \$ 100,000 \$ 3,000,000 \$ 6,500,000					nnn'nnc			200,000
Pgrades 500,000 500,000 500,000 5 3.000,000 5 5.000,00						the state of the s		•
300,000 300,000 5 3,000,000 5 3,000,000 5 3,000,000 5 5,500,000 5							A STATE OF THE RESERVENCE AND A STATE OF THE	•
300,000 300,000 \$ 3,000,000 \$ 3						000		•
300,000 300,000 \$ 3,000,000 \$ 3,000,000 \$ 3,000,000 \$						ന്നാം		200,000
300,000 300,000 \$ 3,000,000 \$ 3,000,000 \$ 5					W. W			-
300,000	Bluemound VFD							•
\$00,000 \$ - \$ 100,000 \$ 2,500,000 \$ 3,000,000 \$	Florist HVAC Dehumidification			000 000				•
\$ - \$ 100,000 \$ 2,500,000 \$ 3.000,000 \$				200,000			The second secon	300,000
\$ - \$ 100,000 \$ 2,500,000 \$ 3.000,000 \$							A COLUMN TO THE REAL PROPERTY OF THE PROPERTY	•
\$ - \$ 100,000 \$ 2,500,000 \$ 3,000,000 \$	Store Beauty a							•
	o con age racilities improvements	\$	100,000	2.500.000	100 000	+	•	

3/9/2011 4:10 PM 2012 Budget PROJECTED CIP 2012 - 2017 A DG-1 2012-2017

	ı	
1	_	
4	2	
•	_	
ć	Ĺ	
Ē)	
Č	5	
_		

	2012 - 2017			5				
Innwoods Innwood Inn	MPROVEMENTS	2012	2043					2012 - 2017 SIX YEAR
Paint Lanks	ell roofs		2012	2014	2016	2016	2017	TOTAL
Projects Contingencies \$ 150,000 \$ 1,000,000 \$ 3,000,000 \$ 3,000,000 \$ 3,000,000 \$ 4,000,000 \$ 3,0			100,000	2,500,000	100,000	3,000,000		2,600,000
Proyect Generation \$ \$ 4,700,000 \$ 800,000 \$ 300,000 \$ 3,000,000 \$ 11,	Meter Repair Shop er Shop North K Filling Station			3,000,000		•		4 4
Projects Contingencies	ackup Power Generation Iwood Iwood Construction			800,000	300,000	3,000,000	3,000,000	1,
\$ - \$ 1,000,000 \$ - \$ 2,000,000 \$ - \$ \$ - \$ 1,000,000 \$ - \$ 2,000,000 \$ - \$ \$ \$ \$ 11,150,000 \$ 3,310,000 \$ \$ 3,500,000 \$ 3 \$ 4,960,000 \$ 17,400,000 \$ 17,400,000 \$ 18,500,000 \$ 16,000,000 \$ 8 -76.0% \$ 115.2% 63.4% -27.8% 55.3% -17.9% -17.9%	th Point nge		200,000	800,000	300,000	3,000,000	3,000,000	4,500,000 6,300,000 1,000,000
\$ 960,000 \$ 6,660,000 \$ 11,160,000 \$ 3,310,000 \$ 8,500,000 \$ 3,500,000 \$ 3,500,000 \$ 3,500,000 \$ 27,80 \$ 4,960,000 \$ 10,660,000 \$ 17,400,000 \$ 12,560,000 \$ 16,000,000 \$ 16,000,000 \$ 16,000,000 \$ 16,000,000 \$ 17,900,	Ipital Projects Contingencies tingencies			1,000,000		├─┤── ┾┈ ┠ ─┼─	•	
	Il Plant Improvements AL WATER WORKS PROGRAM Crease between years - program gross	4,9	6,660,000 10,650,000	17,400,000	3,310,000 12,560,000	├─ ╎ ╌┼╌ ╏ ┈├ ╻ ┼		

CITY OF MILWAUKEE

2012-2017

DISTRIBUTION MAIN PROJECTS

Capital Improvement Request Form Part I

Pr	oject/Program Title:	2012-17 Distribution	on Water Main Program	Requesting Depa	ırtment:	DPW/MILWAUKEE V	VATER WORKS
Pr	epared By/Phone Ext:	Dinah G. Gant/386	7	Department Head	l Signature:	Jeff M	anter
	ount No:	04206410R999			0		
A)	Department Priority	of	Useful Life 110	Years Level of	Need 🗸 Essen	itial Important	Desired
	Type of Project	New Replaceme On-Going Program	ent 🗌 Repair	Project/Program S	icope 🗸 Fully (Defined Partially (Defined
В)		Remodeling	✓ Water [Bridge [Blectrical Res New Building [Elev	, —		Parking Entire Facility	
	Miscellaneous Develo	opment formation Systems	Equipment	Other			
c)	Project/Program Dura One Year On-Going Program Multi-Year	ntion ☐ Yes ☐ No ☑ Yes ☐ No ☐ Yes ☐ No	Number of Years				
,		Total FTE See Attached Water Eng A.xis	No. of Positio	ns FTE	is Sa	alaries \$ \$	
E)	In Six Year Capital Imp Yes 2010-2015	2011-2016	Yes, Modifi	ied	quest		
F)	Project/Program Justif This program is needed to Milwaukee Citizens; to pro program is further required	provide sufficient and ovide sufficient water fo	or all fire protection need	s and to enable consur	ners to obtain the	and to protect the hea lowest cost fire insura	ith of nce. This
G)	Additional Comments 2012 Water Main Replacer	ment Program is a par	t of Milwaukee Water Wo	orks efforts to reach a n	eplacement sched	dule that will aid in the	

replacement of its aging infrastructure in an efficient manner. Water mains to be replaced will be selected based on ranking on the "main break

index," hydraulic characteristics, coordination with paving and other construction projects, and water quality concerns.

Capital Improvement Request Part II

Requesting Department:	PUBLIC WORKS - MII	Milwaukee Water Works	Works					
Project/Program Title:	2012-17 Distribution Water Main Program	n Water Main Pro	gram		Account No:	. 04206410R999	68	
Year	Tax	Tax Levy/Borrowing	Grant & Aid	, Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011								0\$
2012 Budget Request							\$3,500,000	\$3,500,000
2013 Projection							\$3,500,000	\$3,500,000
2014 Projection							\$5,500,000	\$5,500,000
2015 Projection							\$8,500,000	\$8,500,000
2016 Projection							\$10,000,000	\$10,000,000
2017 Projection							\$11,500,000	\$11,500,000
Total Six Year Cost	1	8		O\$	0\$	0\$	\$42,500,000	\$42,500,000
l otal Project Cost		\$		SS.	0\$	OS.	\$42,500,000	\$42,500,000
								ı
Life to Date Expenditures (Project Only)	st Only)	S		S S	0\$	O\$	80	0\$
Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported Were cost estimates confirmed by another source? Are cost estimates based on industry standards?	2012 Sots y another source? ustry standards?				2016 Uncertain	5		
Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	g any portion of the wonalysis?	ork?] [] [] % %	2	Uncertain			
How will this project impact city operating expenditures?	operating expenditures	~	☐ Increase		✓ Decrease None			
Estimated Start Date: Estimated Completion Date:	01/01/12							٠.
			Department Head Signature	Head Sign	ature			
			Prepared By/Phone Ext	//Phone Ex	t Dinah G. Gant/3867	3ant/3867		

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Distribution Water Main Program		
prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$3,500,000
ept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$42,500,000

General Project/Program Description:

The Water Main Replacement Program is a part of Milwaukee Water Works efforts to reach a replacement schedule that will aid in the replacement of its aging infrastructure in an efficient manner.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		Х		Does the project directly reduce risks to people or property?
Х			unable to quantify	Does the project directly promote improved health or safety?
		Х		Does the project mitigate an immediate risk?
		~	^ ''	

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
Х			unable to quantify	Does the project address a legislative, regulatory or court-ordered mandate?
Х			unable to quantify	Does the project promote long-term regulatory compliance?
' <u>X</u>			unable to quantify	Will there be serious negative impact on the City if compliance is not achieved?
	Х			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on Investment will this project generate?
		Х		What is the expected payback period for this project?
		Х		Does the project minimize life-cycle costs?
		Х		Will the facility require additional personnel to operate?
		Х		Will the project lead to a reduction in operating costs?
		Х		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		Х		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		Х		Will this project cause disruptions to regular city operations?
		Х		Are there other potential costs associated with this project that are not addressed above?

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Distribution Water Main Program

'Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of Jach area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		х		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		Х		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		Х		is one population affected positively and another negatively?
		Х		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		х		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x			unable to quantify	Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce poliution including noise and/or light poliution)?

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		Х		Has the facility being replaced exceeded its useful life?
		Х		Does this project extend the useful life of an existing facility?
		Х		Do maintenance costs exceed replacement costs? (See Below)
		Х		Have you documented costs of unplanned or corrective maintenance related to the facility?
		Х		Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		Х		Will this project improve the functionality or service life of other related infrastructure?

Yes	No	N/A	Amount	Economic / Community Development
х			unable to quantify	Does the project have the potential to promote economic/community development in areas where growt is desired?
х			unable to quantify	Will the project continue to promote or enhance economic/community development in an already developed area?
Х			unable to quantify	Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce desirable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
l		Х		Will the project promote the equitable distribution of the costs and benefits of development?

Yes	No	NA	Amount	Special Considerations
		x		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		Х		Are there critical timing issues associated with this project?
		Х		Are there inter-jurisdictional considerations?
		Х		Can you quantify the impacts of a delay in this project?

MILWAUKEE WATER WORKS

2012-2017

FEEDER MAIN PROJECTS

Capital Improvement Request Form Part I

Pr	oject/Program Title:	2012-17 Feeder Main Program	Requesting Department:	DPW/MILWAUKEE WATER WORKS
Pr	epared By/Phone Ext:	Dinah G. Gant/3867	_ Department Head Signature:	Jeff Mantes
	count No:	04206410R999	- 6	117'
A)	Department Priority	of Useful Life 110	Years Level of Need 🗸 Ess	ential Important Desired
	·	New Replacement Repair On-Going Program	Project/Program Scope Full	y Defined Partially Defined
В)	Miscellaneous Develo	Remodeling New Building Ele	Street Lighting Communic Environmental Port estroom Security Exterior evators Garage Mecha	Parking ior Entire Facility
		Torriador Systems		
C)		Yes No Yes No No Number of Years Total FTEs e See Attached No. of Position		Salaries \$
E)	In Six Year Capital Imp		lified	4
F)	program is further require	fication o provide sufficient and reliable water supply tovide sufficient water for all fire protection need to continue development of the City and prethe addition of feeder mains to improve	eds and to enable consumers to obtain t	he lowest cost fire insurance. This
G)	Additional Comments			

BM∪-100

Capital Improvement Request Part II

Requesting Department:	PUBLIC WORKS - Milwaukee Water Works	waukee Water \	Works					
Project/Program Title:	2012-17 Feeder Main Program	Program			Account No:	lo: 04206410R999	6668	
Year	Tax Le	Tax Levy/Borrowing	Grant & Aid	& Aid	Revenue	Special Assessment	Enterprise	Total Cost
2012 Budget Barrest of 2011								\$0
2012 Broinging						٠	\$500,000	\$500,000
2013 Frigedion							\$500,000	\$500,000
2015 Projection							\$750,000	\$750,000
2015 Projection							\$750,000	\$750,000
2017 Projection							\$1,000,000	\$1,000,000
							\$1,000,000	\$1,000,000
Total SIX Teal Cost		₽		Ģ	0\$	0\$	\$4,500,000	\$4,500,000
lotal Project Cost		9		S.	0\$	0\$	\$4,500,000	\$4,500,000
ife to Date Expenditures								
Lie to Date Expenditures (Project Only)	Only)	\$0		S.	\$0	0\$	0\$	\$0
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	ts		§	20	6 0000	%		
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	another source? try standards? any portion of the work? lysis?			2 2 2 2 [☐ ☐ [☐	Uncertain Uncertain Uncertain Uncertain	I		
How will this project impact city operating expenditures?	erating expenditures?		☐ Increase		✓ Decrease None			
Estimated Start Date: Estimated Completion Date:	01/01/12							
		u	Department Head Signature	Head Sign	ature			
		•	Prepared By/Phone Ext	//Phone Ex	l	Dinah G. Gant/3867		

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Feeder Main Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$500,000
Dept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$4,500,000

General Project/Program Description:

This Program assures sufficient and reliable water supply to enable consumers to satisfy their health and safety needs. This Program also contributes to reliable fire protection and reasonable costs for fire insurance.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		Х		Does the project directly reduce risks to people or property?
Х			unable to quantify	Does the project directly promote improved health or safety?
		Х		Does the project mitigate an immediate risk?
	onto /	Other	Considerations:	

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X			unable to quantify	Does the project address a legislative, regulatory or court-ordered mandate?
Х			unable to quantify	Does the project promote long-term regulatory compliance?
l x			unable to quantify	Will there be serious negative impact on the City if compliance is not achieved?
	Х			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will this project generate?
		Х		What is the expected payback period for this project?
		Х		Does the project minimize life-cycle costs?
		Х		Will the facility require additional personnel to operate?
		Х		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		Х		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		Х		Is there a revenue generating opportunity? (e.g. user fees)
		Х		Will the project result in a reduction or increase in energy use?
		Х		Does the project involve specific energy reduction strategies or features?
		Х		Will this project cause disruptions to regular city operations?
	1			Are there other potential costs associated with this project that are not addressed above?

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Feeder Main Program

'Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		x		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		Х		Will the project mittigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		Х		is one population affected positively and another negatively?
		Х		Does the project preserve or improve the historical or natural heritage of the City?
		Х		is the project consistent with established community character?
		х		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
х	İ		unable to quantify	Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		Х		Has the facility being replaced exceeded its useful life?
		Х		Does this project extend the useful life of an existing facility?
		Х		Do maintenance costs exceed replacement costs? (See Below)
		Х		Have you documented costs of unplanned or corrective maintenance related to the facility?
		Х		Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		Х		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
х			unable to quantify	Does the project have the potential to promote economic/community development in areas where growth is desired?
х			unable to quantify	Will the project continue to promote or enhance economic/community development in an already developed area?
Х			unable to quantify	Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce decirable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
- 1		Х		Will the project promote the equitable distribution of the costs and benefits of development?

Yes	No	N/A	Amount	Special Considerations
	×			is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	Х			Are there critical timing issues associated with this project?
х			unable to quantify	Are there inter-jurisdictional considerations?
	Х			Can you quantify the impacts of a delay in this project?

CITY OF MILWAUKEE

2012-2017

WATER PLANTS PROJECTS

MILWAUKEE WATER WORKS

2012-2017

LINNWOOD PLANT BUILDING IMPROVEMENTS

Capital Improvement Request Form Part I

P	Project/Program Title:	2012-17 Linnwood Bldg	g Improvement I	Requesting Department:	DPW/MILWAUKEE WATER WORKS
P	Prepared By/Phone Ext:	Dinah G. Gant/3867		Department Head Signature:	\sim 14
	count No:	04206410R999			The state of the s
A	Department Priority Type of Project				sential Important Desired
		On-Going Program	∟ кераіг Рі	roject/Program Scope 🔲 _{Fu}	Illy Defined
B	Infrastructure Street Related Sidewalks Building Roof Windo	Alleys			Parking
	Miscellaneous Devel	opment		Other	iai iiCai
C)	Project/Program Dura One Year On-Going Program Multi-Year	☐ Yes ☐ No ☑ Yes ☐ No	Number of Years		-
(ر ۱	***************************************	Total FTEs e See Attached 52 Water Eng A.xls	No. of Positions	FTEs	Salaries \$ \$ \$
E)	In Six Year Capital Imp Yes 2010-2015		✓ Yes, Modified	☐ New Request	
F)	Project/Program Justif This Program continues wefficient operation of the w	vith Milwaukee Water Works	s' plan of maintaining a	nd replacing aging infrastructure fo	or a facility that is critical to the
G)	Additional Comments There are no projects propo	osed for the 2012 Program	Year.		
·					

Capital Improvement Request Part II

Requesting Department:	PUBLIC WORKS - M	S - Milwaukee Water Works	ater Works		1				
Project/Program Title:	2012-17 Linnwo	2012-17 Linnwood Building Improvements	vements		Account No:	l	04206410R999		
Year	•""[Tax Levy/Borrowing	ing Grant & Aid	& Aid	Revenue	Special Assessment	ין	Enterprise	Total Cost
Remaining Balance for 2011									\$
2012 Budget Request								S.	0\$
2013 Projection	1							\$200,000	\$200,000
2014 Projection								S\$	0\$
2015 Projection								S#	S\$
2016 Projection							-	O\$	0\$
2017 Projection							-	₽	0\$
Total Six Year Cost			\$0	0\$	0\$		g,	\$200,000	\$200,000
Total Project Cost	f		0\$	0\$	0\$		8	\$200,000	\$200,000
	L			•					f
Life to Date Expenditures (Project Only)	at Only)		\$0	0\$	0\$		₽	S\$	0\$
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis? How will this project impact city operating expenditures? Estimated Start Date:	2012 Carlos Sotts Ustry standards? Gany portion of the halysis? Operating expendite	9 work?	2014 		2016 Uncertain Uncertain Uncertain Uncertain Uncertain Uncertain	26			
			Departmen	Department Head Signature	ature				
			Prepared E	Prepared By/Phone Ext	i	Dinah G. Gant/3867			

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Linnwood Building Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$0
Dept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$200,000

General Project/Program Description:

This Program continues with Milwaukee Water Works' plan of maintaining and replacing aging infrastructure for a facility that is critical to the continous efficient operation of the water purification process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

	Amount	Health & Safety	
X		Does the project directly reduce risks to people or property?	
X		Does the project directly promote improved health or safety?	
X		Does the project mitigate an immediate risk?	
_	X	X X X	X Does the project directly promote improved health or safety?

omments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance	**************************************
		X		Does the project address a legislative, regulatory or court-ordered mandate?	
		Х		Does the project promote long-term regulatory compliance?	
·		Х		Will there be serious negative impact on the City if compliance is not achieved?	
		X		Are there other ways to mitigate the regulatory concern?	·

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will this project generate?
		Х		What is the expected payback period for this project?
		Х		Does the project minimize life-cycle costs?
		Х		Will the facility require additional personnel to operate?
		Х		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		Х		Is there a revenue generating opportunity? (e.g. user fees)
		Х		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
		1		Are there other potential costs associated with this project that are not addressed above?

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Linnwood Building Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		х		Is one population affected positively and another negatively?
		Х		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		х		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		Х		Has the facility being replaced exceeded its useful life?
		Х		Does this project extend the useful life of an existing facility?
		Х		Do maintenance costs exceed replacement costs? (See Below)
		Х		Have you documented costs of unplanned or corrective maintenance related to the facility?
		Х		Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		Х		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		х		Does the project have the potential to promote economic/community development in areas where growth is desired?
		х		Will the project continue to promote or enhance economic/community development in an already developed area?
		Х		Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce desirable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
		Х		Will the project promote the equitable distribution of the costs and benefits of development?

Yes No N/A Amount Special Considerations Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private Х donations)? X Are there critical timing issues associated with this project? X Are there inter-jurisdictional considerations? Х Can you quantify the impacts of a delay in this project? Comments / Other Considerations:

MILWAUKEE WATER WORKS

2012-2017

LINNWOOD PLANT TREATMENT IMPROVEMENTS

Capital Improvement Request Form Part I

F	Project/Program Title:	2012-17 Linnwood Treats Improvements		Requesting Department: DPW/MILWAUKEE W		
P	repared By/Phone Ext:	Dinah G. Gant/3867	Depa	rtment Head Signature:	Lantes	
	count No:	04206410R999			717	
A	Department Priority	ofUse	ful Life Years	Level of Need VES	sential [] Importa	ant Desired
		New Replacement [On-Going Program	Repair Proje c	t/Program Scope Fu	ally Defined	ally Defined
В	Description					
	Street Related Sidewalks			t Lighting Commun	Recre	
	Miscellaneous Develo	Remodeling New	ectrical Restroom	Security Exter	rior	ility
	Economic Int	formation Systems	Equipment Other			
C)	Project/Program Dura	ition				
	One Year	☐ Yes ☐ No				
	On-Going Program Multi-Year	☑ Yes ☐ No ☐ Yes ☐ No ☐	Number of Years			
(ر	· · · · · · · · · · · · · · · · · · ·	Total FTEs e See Attached 52 Water Eng A.xls	No. of Positions	FTEs	Salaries \$	
			·		\$	
E)	In Six Year Capital Imp Yes 2010-2015		✓ Yes, Modified	☐ New Request		
F)	Project/Program Justif This Program continues w		s' plan for upgrading and rep	placing systems necessary fo	or the water purification	n process.
.						
G)	Additional Comments					
	There are no projects prop	osed for the 2012 Program	Year.			
		;				l

BML-100

Capital Improvement Request Part II

Requesting Department:	PUBLIC WORKS - Milwaukee Water Works	liwaukee Water	Vorks						
Project/Program Title:	2012-17 Linnwood Treatment Improvements	reatment Improve	ments		Account No:		04206410R999	6	
Year	Tax	Tax Levy/Borrowing	Grant & Aid	Aid	Revenue	Special Assessment	ial ment	Enterprise	Total Cost
Remaining Balance for 2011									0\$
2012 Budget Request								9	0\$
2013 Projection								\$200,000	\$200,000
2014 Projection								\$1,600,000	\$1,600,000
2015 Projection								\$2,100,000	\$2,100,000
2016 Projection								0\$	O\$
2017 Projection								\$	0\$
Total Six Year Cost		S _r		0\$	0\$		9	\$3,900,000	\$3,900,000
Total Project Cost		₩		O\$	0\$		OS.	\$3,900,000	\$3,900,000
1									
Life to Date Expenditures (Project Only)	t Only)	O\$		0\$	0\$		O\$	0\$	0\$
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	gs	2	<u>\$</u>	2 □□□□	50	26			
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	y another source? ustry standards? g any portion of the wor	\$		2 2 2 2 5 🗆 🗆 5	Uncertain Uncertain Uncertain Uncertain				
How will this project impact city operating expenditures?	perating expenditures?		☐ Increase		✓ Decrease None				
Estimated Start Date: Estimated Completion Date:									
			Department Head Signature	Head Sign	ature				
			Prepared By/Phone Ext	//Phone Ex	1	Dinah G. Gant/3867			

CIC - Capital Improvement Request Part III

	Date Submitted:	3/22/2011
2017 Linnwood Treatment Improvements		
M. Lewis, Superintendent	Current Request:	\$0
intes, Commissioner	6 Yr Total:	\$3,900,000
	o ii Totai.	\$3,900,000
	M. Lewis, Superintendent antes, Commissioner	M. Lewis, Superintendent Current Request:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety	
		X		Does the project directly reduce risks to people or property?	
		X		Does the project directly promote improved health or safety?	
		X		Does the project mitigate an immediate risk?	
Comm	ents /	Other Co	onsiderations:	Does the project mitigate an immediate risk?	

Comments / Other Considerations:

process.

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
l		X,		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will this project generate?
]		Х		What is the expected payback period for this project?
		Х		Does the project minimize life-cycle costs?
		Х		Will the facility require additional personnel to operate?
		Х		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		Х		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Linnwood Treatment Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of ach area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compilance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans or the DCD website.
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		is one population affected positively and another negatively?
		х		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Yes	No	N/A	Amount	Infrastructure - Primarily recurring Infrastructure and facilities preservation programs
		Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		х		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		х		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		х		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Yes	No	N/A	Amount	Economic / Community Development		
		х		Does the project have the potential to promote economic/community development in areas where grow is desired?		
		х		Will the project continue to promote or enhance economic/community development in an already developed area?		
		Х		is the net impact of the project positive?		
		X		Would an alternate location for this project provide a greater positive economic impact?		
		Х		Will the project produce desirable jobs in the City?		
		X		Will the project rejuvenate an area that needs assistance?		
		X		Will the project promote the equitable distribution of the costs and benefits of development?		

'es	No	N/A	Amount	Special Considerations	
		×		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?	
		х		Are there critical timing issues associated with this project?	
		X		Are there inter-jurisdictional considerations?	
_		X		Can you quantify the impacts of a delay in this project?	

MILWAUKEE WATER WORKS

2012-2017

HOWARD PLANT BUILDING IMPROVEMENTS

	repared By/Phone Ext: Dinah G. Gant/3867 Requesting Department: DPW/MILWAUKEE WATER WORKS Department Head Signature: DPW/MILWAUKEE WATER WORKS
	count No: 04206410R999
A)	Department Priorityof
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 Equipment Other
C)	Project/Program Duration One Year
ادر	Total Positions Total FTEs Position Title Please See Attached No. of Positions FTEs Salaries \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
E)	In Six Year Capital Improvement Plan Yes ☑ 2010-2015 ☑ 2011-2016 ☑ Yes, Modified ☐ New Request
F)	Project/Program Justification This Program continues with Milwaukee Water Works' plans for maintaining and replacing aging infrastructure for the facility that is critical to the efficient operation of the water purification process.
G)	Additional Comments There are no projects proposed for the 2012 Program Year.

Requesting Department:	PUBLIC WORKS	PUBLIC WORKS - Milwaukee Water Works	Works					
Project/Program Title:	2012-17 Howard Buildir	Building Improvements	ents		Account No:	o4206410R999	66	
Year	ËĹ	Tax Levy/Borrowing	Grant & Ald	Ald	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011								0\$
2012 Budget Request							0\$	0\$
2013 Projection	i						\$350,000	\$350,000
2014 Projection							0\$	0\$
2015 Projection	1						\$310,000	\$310,000
2016 Projection	1						0\$	0\$
Z017 Projection							0\$	0\$
Total Six Year Cost		\$0		0\$	0\$	0\$	\$660,000	\$660,000
lotal Project Cost		0\$		O\$	0\$	\$0	\$660,000	\$660,000
1 1 6 4 5	Ļ							•
Life to Date Expenditures (Project Only)	t Only)	\$0		\$0	0\$	0\$	0\$	0\$
Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis? How will this project impact city operating expenditures? Estimated Start Date: Estimated Completion Date:	2012 CONTROLL Standards G any portion of the halysis?	2013 Work?	2014 2016 Colored Colored Signature 2016 Colored Colored Signature	2016 2016 C C C C C C C C C C C C C C C C C C C	5			
			Prepared By/Dhono E	0 11				
			riebareu by	rnone EX		Dinah G. Gant/3867		

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Howard Building Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$0
Dept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$3,950,000

General Project/Program Description:

This Program continues with Milwaukee Water Works' plans for maintaining and replacing aging infrastructure for the facility that is critical to the efficient operation of the water purification process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		Х		Does the project directly reduce risks to people or property?
		Х		Does the project directly promote improved health or safety?
		Х		Does the project mitigate an immediate risk?
Cam	anta /	O#b == !	Canaldarations	

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance	
		X		Does the project address a legislative, regulatory or court-ordered mandate?	
		X		Does the project promote long-term regulatory compliance?	
		X		Will there be serious negative impact on the City if compliance is not achieved?	
	<u> </u>	X		Are there other ways to mitigate the regulatory concern?	

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will this project generate?
		Х		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		Х		Will the project lead to a reduction in operating costs?
		Х		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		Х		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Project/Program: 2012-17 Howard Building Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		х		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		х		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		Х		Is one population affected positively and another negatively?
		Х		Does the project preserve or improve the historical or natural heritage of the City?
		Х	,	Is the project consistent with established community character?
		х		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		х		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		Х		Has the facility being replaced exceeded its useful life?
		Х		Does this project extend the useful life of an existing facility?
		Х		Do maintenance costs exceed replacement costs? (See Below)
		Х		Have you documented costs of unplenned or corrective maintenance related to the facility?
		Х		Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
		х		Will the project continue to promote or enhance economic/community development in an already developed area?
		Х		Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce destrable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
		х		Will the project promote the equitable distribution of the costs and benefits of development?

Yes	No	N/A	Amount	Special Considerations
		х		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		х		Are there inter-jurisdictional considerations?
		Х		Can you quantify the impacts of a delay in this project?

MILWAUKEE WATER WORKS

2012-2017

HOWARD PLANT TREATMENT IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

	pject/Program Title: 2012-17 Howard Treatment Improvements Requesting Department: DPW/MILWAUKEE WATER WORK	<u>(S</u>
FI	count No: Dinah G. Gant/3867 Department Head Signature: 04206410R999	
A)	Department Priority of Useful Life Years Level of Need ☑ Essential ☐ Important ☐ Desired Type of Project New ☐ Replacement ☐ Repair Project/Program Scope ☐ Fully Defined ☑ Partially Defined	-
å	✓ On-Going Program	
В)	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	
-1	Total Positions Position Title Please See Attached BMD-52 Water Eng A.xls No. of Positions FTEs Salaries \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
E)	In Six Year Capital Improvement Plan Yes 2010-2015 2011-2016 Yes, Modified New Request	
F)	Project/Program Justification This Program continues with Milwaukee Water Works' plans for upgrading and replacing systems necessary water purification process.	
G)	Additional Comments There are no projects proposed for the 2012 Program Year.	

Requesting Department:	PUBLIC WORKS	PUBLIC WORKS - Milwaukee Water Works	er Works						
Project/Program Title:	2012-17 Howard	2012-17 Howard Treatment Improvements	ements		Account No:		04206410R999	O.	
Year	⊢ [Tax Levy/Borrowing	ig Grant & Ald	& Aid	Revenue	Special Assessment	ent	Enterprise	Total Cost
Remaining Balance for 2011	.								0\$
2012 Budget Request	<u> </u>							0\$	0\$
2013 Projection	1							\$100,000	\$100,000
2014 Projection	<u>1</u>							\$1,000,000	\$1,000,000
2015 Projection	1							\$0	0\$
2016 Projection	<u>.</u>							\$0	0\$
ZU17 Projection								\$0	0\$
lotal Six Year Cost	1	\$0		င္တန	0\$		%	\$1,100,000	\$1,100,000
Total Project Cost]	\$0		O\$	0\$		Q	\$1,100,000	\$1,100,000
	Ĺ								•
Life to Date Expenditures (Project Only)	t Only)	₩	\$0	S S	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? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis? How will this project impact city operating expenditures? Estimated Start Date:	2012 Cts	2013 work?	244	$\overline{\mathfrak{I}}$	2016 2016	2 0000			
Estimated Completion Date:									
			Departmen	Department Head Signature	ature				
			Prepared B	Prepared By/Phone Ext	!	Dinah G. Gant/3867			

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Howard Treatment Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$0
Jept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$1,100,000

General Project/Program Description:

This Program continues with Milaukee Water Works' plan for upgrading and replacing systems necessary for the water purification process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		Х		Does the project directly promote improved health or safety?
		Х		Does the project mitigate an immediate risk?
Comm	ents /	Other C	Considerations:	

Yes	No	N/A	Amount	Regulatory Compliance
		Х		Does the project address a legislative, regulatory or court-ordered mandate?
		Х		Does the project promote long-term regulatory compliance?
		Х		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concem?

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		Х		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure no included in the project budget?
		Х		Is there a revenue generating opportunity? (e.g. user fees)
		Х		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		Х		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Project/Program: 2012-17 Howard Treatment Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans or the DCD website.
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		Х		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		Х		Is one population affected positively and another negatively?
		х		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		х		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarity recurring infrastructure and facilities preservation programs
		Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		Х		Has the facility being replaced exceeded its useful life?
		Х		Does this project extend the useful life of an existing facility?
		Х		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		Х		Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		х		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		х		Does the project have the potential to promote economic/community development in areas where growth is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Wifi the project produce desirable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
		Х		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		x		is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		х		Can you quantify the impacts of a delay in this project?

DEPARTMENT OF PUBLIC WORKS Milwaukee Water Works

MILWAUKEE WATER WORKS

2012-2012

PUMP FACILITIES PROJECTS

1

		·	

Capital Improvement Request Form Part I

Pre	oject/Program Title:	2012-17 Pump	Facilities improvements	Requesting Depa	artment:	DPW/MI	LWAUKEE WATER WORKS
Pre	epared By/Phone Ex	tt:Dinah G. Gant/3	3867	Department Head	d Signature:	Jell	Monto
	count No:	04206410R999		•••	/	170	
A)	Department Prior	ity of	Useful Life	_ Years Level of	F Need ✓ Esc	sential [Important Desired
	Type of Project	New Replace On-Going Program	· · · · · · · · · · · · · · · · · · ·	Project/Program S	Scope Fu	lly Defined	✓ Partially Defined
B)		Alleys /indows HVAC	✓ Water ☐ Bridge ☐ Electrical ☐ Ro ☐ New Building ☐ Electrical	Street Lighting Environmental estroom Securi		rior 🗸	Recreation Parking Entire Facility
	Economic [Information Systems	; Equipment	Other			
C)	Project/Program One Year On-Going Program Multi-Year	Yes _	No No Number of Yea	rs			
[ال	-	Total Please See Attached BMD-52 Water Eng A.x	No. of Posi	tions FT	TEs	Salaries	\$ \$ \$
E) [In Six Year Capita Yes ☑ 2010-	il Improvement Plar 2015		dified New R	Request		
F)	This Program allows	orks' two purification plants Milwaukee Water Wo	ants - Howard and Linnworks to upgrade and/or replang facilities that aid in the	ice various aspects (.eg	. Pumps, valves	s, electrical,	and HVAC systems,
3)	Additional Commo		that involves the obveiced i		ad Blant tracted	Luctor biggs	I to the Diverside

Pumping Station. MWW intends to inspect the 9 foot diameter tunnel which is approximately 7,200 feet long and has been in service since the

1920's. The last time the tunnel was dewatered, inspected, and repaired was November of 1986.

Requesting Department: PUBLIC WORKS - Milwaukee Water Works	Project/Program Title: 2012-17 Pump Facilities Improvements	Year Tax Levy		2012 Budget Request	2013 Projection	2014 Projection	2015 Projection	2016 Projection	2017 Projection	Total Six Year Cost	Total Project Cost	Life to Date Expenditures (Project Only)	Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis? How will this project impact city operating expenditures? Estimated Start Date: Conforting Completion Date:
vaukee Water Works	s Improvements	Levy/Borrowing Gr								0\$	0\$	0\$	<u> </u>
		Grant & Ald								O\$	0\$	0\$	2014 2016
	Account No:	Revenue								S	0\$	0\$	2016 2016 Uncertain Uncertain Uncertain ease None
	04206410R999	Special Assessment								O\$	S	0\$	76
	66	Enterprise		\$800,000	O\$	\$1,200,000	\$500,000	\$500,000	\$500,000	\$3,500,000	\$3,500,000	\$0	
		Total Cost	0\$	\$800,000	OS.	\$1,200,000	\$500,000	\$500,000	\$500,000	\$3,500,000	\$3,500,000	\$0	

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Pump Facilities Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$800,000
Jept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$3,500,000

General Project/Program Description:

The 2012 Program year includes one Project that involves the physical inspection of a 9 foot diameter tunnel. This project is in keeping with Milwaukee Water Works' upgrading and/or replacing various aspects of pumping facilities which are critical to water distribution.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?
Comm	ents /	Other C	onsiderations:	

Yes	No	N/A	Amount	Regulatory Compliance	
		X		Does the project address a legislative, regulatory or court-ordered mandate?	
		X		Does the project promote long-term regulatory compliance?	
·		X		Will there be serious negative impact on the City if compliance is not achieved?	
		X		Are there other ways to mitigate the regulatory concern?	

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will this project generate?
		Х		What is the expected payback period for this project?
		Х		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		Х		Will the project lead to a reduction in operating costs?
		Х		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		Х		Is there a revenue generating opportunity? (e.g. user fees)
		Х		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		Х		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Project/Program: 2012-17 Pump Facilities Improvements

'Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of Jach area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans or the DCD website.
		х		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		×		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		х		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce poliution including noise and/or light poliution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		х		How does the request effect the pertinent replacement cycle? Provide specifics below.
		Х		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		х		Does the project have the potential to promote economic/community development in areas where grown is desired?
		х		Will the project continue to promote or enhance economic/community development in an already developed area?
		Х		Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		х		Will the project produce desirable jobs in the City?
		х		Will the project rejuvenate an area that needs assistance?
		х		Will the project promote the equitable distribution of the costs and benefits of development?

Yes No N/A Amount Special Considerations

Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?

X Are there critical timing issues associated with this project?

X Are there inter-jurisdictional considerations?

Can you quantify the impacts of a delay in this project?

MILWAUKEE WATER WORKS

2012-2017

STORAGE FACILITIES PROJECTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Pr	oject/Program Title:	2012-17 Storage F	acilities improvements	Requesting Dep	artment:	DPW/N	MILWAUKEE WATER WORKS
Pr	repared By/Phone Ext:	Dinah G. Gant/386	7	Department Hea	d Signature:	Des	41 Marte
	count No:	04206410R999		•		11	
A)	Type of Project		Useful Life	Years Level of		ential ly Defined	☐ Important ☐ Desired ☐ Partially Defined
	V	On-Going Program					
B)	Description Infrastructure Street Related Sidewalks Building Roof Window	Sewer Alleys	✓ Water ☐ Bridge ☐ Res	Street Lighting Environmental	Communi Port	_	Recreation Parking Entire Facility
	ADA Office	Remodeling [New Building Ele	vators Garag	e	anical	
	Miscellaneous Develo	opment formation Systems	Equipment [Other			
C)	Project/Program Dura One Year On-Going Program Multi-Year	ation Yes No Yes No Yes No	•				
,		Total FTI e See Attached 52 Water Eng A.xis	No. of Position	ons FT	Es	Salaries	\$ \$ \$
E)	In Six Year Capital Imp Yes 2010-2015		☑ Yes, Modi	ffied New R	equest		
F)	Project/Program Justi Milwaukee Water Works' Porgram allows for evalua	two purification plants	s - Howard and Linnwood nhancing the storage cap	I - rely upon various st pacity for the system.	orage facilities k	ocated thro	oughout the system. This
G)	Additional Comments There are no projects included	uded in the 2012 Prog	gram Year.				

Requesting Department:	PUBLIC WORK	PUBLIC WORKS - Milwaukee Water Works	r Works							
Project/Program Title:	2012-17 Storage	2012-17 Storage Facilities Improvements	nents		Account No:	ı	04206410R999	666		
, ,	•	salmonogivon I veT	4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7.7		8	Special	i i	i di	
Remaining Balance for 2011	"	as covycours			Neveliue	700	7386881110111	Enterprise	1902 1910 1	g g
2012 Budget Request								\$0		S
2013 Projection	1							\$100,000	\$100,000	Τg
2014 Projection						_		\$2,500,000	\$2,500,000	8
2015 Projection	<u> </u>							\$100,000	\$100,000	8
2016 Projection						ļ		\$3,000,000	\$3,000,000	8
2017 Projection								0\$		9
Total Six Year Cost		0\$		0\$	8		0\$	\$5,700,000	\$5,700,000	8
Total Project Cost	السنسا	8		O\$	8		8	\$5,700,000	\$5,700,000	8
Life to Date Expenditures (Project Only)	t Only)	0\$		0\$	O\$		O\$	0\$		' g
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	\$ 0000		\$ 0	5 000	% 🗆 🗆 🖸 🗆		•]
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	y another source? ustry standards? g any portion of th	e work?		2 2 2 2 N N	Uncertain Uncertain Uncertain Uncertain					
How will this project impact city operating expenditures?	perating expenditu	res?	Increase		✓ Decrease None	,				
Estimated Start Date: Estimated Completion Date:										
			Departmen	Department Head Signature	nature					1
			Prepared E	Prepared By/Phone Ext	. 1	Dinah G. Gant/3867	1867			1

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017Storage Facilities Improvements		0/22/2011
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$0
Jept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$5,700,000

General Project/Program Description:

This Program allows for the evaluation, elimination, and enhancement to the storage capacity of the utility's system.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		Х		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		Х		Does the project mitigate an immediate risk?
Comm	<u>ients /</u>	Other C	considerations:	

Yes	No	N/A	Amount	Paralleton Com II	
1.00	110	14/7	Amount	Regulatory Compliance	
<u> </u>		X		Does the project address a legislative, regulatory or court-ordered mandate?	
		Х		Does the project promote long-term regulatory compliance?	
'		Х		Will there be serious negative impact on the City if compliance is not achieved?	
		Х		Are there other ways to mitigate the regulatory concern?	

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		Х		What is the expected payback period for this project?
		Х		Does the project minimize life-cycle costs?
		Х		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		Х		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		Х		Is there a revenue generating opportunity? (e.g. user fees)
		Х		Will the project result in a reduction or increase in energy use?
		Х		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Project/Program: 2012-17 Storage Facilities Improvements

'Mhenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		х		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		Х		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		Х		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		х		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		х		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		Х		Has the facility being replaced exceeded its useful life?
		Х		Does this project extend the useful life of an existing facility?
		Х		Do maintenance costs exceed replacement costs? (See Below)
[Х		Have you documented costs of unplanned or corrective maintenance related to the facility?
		Х		Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Yes	No	N/A	Amount	Economic / Community Development
		х		Does the project have the potential to promote economic/community development in areas where growth is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
l		Х		Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		Х		Will the project promote the equitable distribution of the costs and benefits of development?

Yes	No	N/A	Amount	Special Considerations
		х		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		Х		Are there critical timing issues associated with this project?
		Х		Are there inter-jurisdictional considerations?
		Х		Can you quantify the impacts of a delay in this project?

MILWAUKEE WATER WORKS

2012-2017

METER FACILITIES IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Pr	oject/Program Title:	2012-17 Meter Faciliti	es improvements	Requesting Dep	artment: DP\	N/MILWAUKEE WATER WORKS
Pr	epared By/Phone Ext:	Dinah G. Gant/3867	N. I.	Department Hea	d Signature:	Montes
	count No:	04206410R999		-	01	
A)	Department Priority	of U	seful Life	Years Level o	f Need Essential	☐ Important ☐ Desired
		New Replacement On-Going Program	Repair	Project/Program	Scope	ed Partially Defined
8)	Miscellaneous Develo	Alleys ws HVAC Remodeling	New Building Ele	Street Lighting Environmental Stroom Securivators Garag		Recreation Parking Entire Facility
C)	Project/Program Dura One Year On-Going Program Multi-Year	Ation Yes No Yes No Yes No	Number of Years	S		,
-1		Total FTEs e See Attached 52 Water Eng A.xls	No. of Positi	ons FT	Es Salari	es \$ \$ \$
E) [In Six Year Capital Imp Yes 2010-2015		✓ Yes, Mod	fied New R	equest	
=) [Project/Program Justi This Program allows for it		rations associated wit	h the Milwaukee Wate	r Works Business Secti	on's Water Meter Services.
3)	Additional Comments The 2012 Program Year in tanks are filled via hydrant required to use the bulk will pid in the life in the	ts. These bulk water fill s	stations will eventually	replace most hydrant	permits. Landscaping	Currently portable water companies are currently in the City. Fill Stations

Requesting Department:	PUBLIC WORKS - Milwaukee Water Works	filwaukee Water ∖	Vorks		-			
Project/Program Title:	2012-17 Meter Facilities Improvements	ties Improvement	Ø		Account No:	. 04206410R999	66	
Year	Taxi	Tax Levv/Borrowing	Grant & Aid	Aid	Revenue	Special	Foterorise	Total Cost
Remaining Balance for 2011								0\$
2012 Budget Request							\$150,000	\$150,000
2013 Projection							\$1,000,000	\$1,000,000
2014 Projection							\$3,000,000	\$3,000,000
2015 Projection			,				0\$	8
2016 Projection							0\$	0\$
2017 Projection							0\$	0\$
Total Six Year Cost		0\$		O\$	O\$	0\$	\$4,150,000	\$4,150,000
Total Project Cost		0\$		0\$	0\$	0\$	\$4,150,000	\$4,150,000
								•
Life to Date Expenditures (Project Only)	ct Only)	\$0		0\$	0\$	S	0\$	\$0
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	2012 C C C	5 000	<u>\$</u>	5018	50	26		
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	by another source? lustry standards? ng any portion of the wo nalysis?	к?		8 8 8 C _ C	Uncertain Uncertain Uncertain Uncertain			
How will this project impact city operating expenditures?	operating expenditures?	•	Increase	e < Decrease	crease None			
Estimated Start Date: Estimated Completion Date:	01/01/12							
			Department Head Signature	Head Sign	ature			
			Prepared By/Phone Ext	y/Phone Ex		Dinah G. Gant/3867		

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Meter Services Facilities Improvements(Meter Shop)		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$150,000
⊇ept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$4,150,000

General Project/Program Description:

The 2012 Program Year includes a project that will provide an alternate method of filling portable water tanks. This Program continuously allows for improvements to the operations associated with Milwaukee Water Works Meter Services. (formerly referred to as Meter Repair Shop)

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		Х		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?
Comm	ents /	Other C	onsiderations:	

Yes	No	N/A	Amount	Regulatory Compliance	
		X		Does the project address a legislative, regulatory or court-ordered mandate?	
		Х		Does the project promote long-term regulatory compliance?	
!		Х		Will there be serious negative impact on the City if compliance is not achieved?	
		X		Are there other ways to mitigate the regulatory concern?	

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will this project generate?
		Х		What is the expected payback period for this project?
		Х		Does the project minimize life-cycle costs?
		Х		Will the facility require additional personnel to operate?
		Х		Will the project lead to a reduction in operating costs?
		Х		Will the project lead to increased productivity or service improvements?
		Х		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		Х		Is there a revenue generating opportunity? (e.g. user fees)
		Х		Will the project result in a reduction or increase in energy use?
		Х		Does the project involve specific energy reduction strategies or features?
		Х		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Project/Program: 2012-17 Meter Services Facilities Improvements (Formerly Meter Repair Shop)

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		х		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		Х		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		х		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		х		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce poliution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarity recurring Infrastructure and facilities preservation programs
	l	Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
	i	X		Do maintenance costs exceed replacement costs? (See Below)
		Х		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		х		Does the project extend service for new development or redevelopment?
		Х		Will this project improve the functionality or service life of other related Infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		х		Does the project have the potential to promote economic/community development in areas where growt is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
		Х		Is the net Impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce desirable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
T		Х		Will the project promote the equitable distribution of the costs and benefits of development?

No N/A Amount Special Considerations Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)? X Are there critical timing issues associated with this project? X Are there inter-jurisdictional considerations? X Can you quantify the impacts of a delay in this project?

DEPARTMENT OF PUBLIC WORKS Milwaukee Water Works

MILWAUKEE WATER WORKS

2012-2017

BACKUP POWER GENERATION



Pr	oject/Program Title:	2012-17 Backup Power	Generation	Requesting Depa	artment:	DPWMILWA	UKEE WATER WORKS
Prepared By/Phone Ext: :ount No:		Dinah G. Gant/3867		Department Head	d Signature:	Jell	Montes
	ount No:	04206410R999		-	0		
A)	Department Priority		eful Life	Years Level of			portant Desired
	1 " =	New Replacement On-Going Program	Repair	Project/Program \$	Scope Fully	Defined 🗹 F	artially Defined
B)	Description Infrastructure Street Related Sidewalks Building Roof Window	Alleys		Street Lighting Environmental stroom Security Garage		☐ P	ecreation arking • Facility
	Miscellaneous Develo	opment	_	Other			
C)	Project/Program Dura One Year On-Going Program Multi-Year	tion Yes No Yes No Yes No	Number of Years				
-1		Total FTEs e See Attached 52 Water Eng A.xls	No. of Position	ons FT	Es S	alaries \$ _ \$ _ \$ _	
E)	in Six Year Capital Imp Yes ✓ 2010-2015		✓ Yes, Modi	fied New R	lequest		
F)	backup electric power ge Riverside Pumping Statio	fication ee Water Works' Capital Ir neration for Milwaukee Wa on in 2010 and is scheduler ign efforts for Linnwood be	ater Works major pu d to be complete in	rification and pumping ate 2011. Design effo	facilities. Constru orts commenced in	ction efforts be 2010 for Floris	gan at the
G)	Additional Comments Ongoing Projects are cont	tinuing as noted above. N	o additional request	s for authority are prop	osed for the 2012	Program Year.	

BM∪-100

Requesting Department: Project/Program Title:	PUBLIC WORKS - Milwaukee Water Works 2012-17 Backup Power Generation	ukee Water V	Vorks		Account No:	rt No:	04206410R999	R999	
Year	Tax Levy/	Tax Levy/Borrowing	Grant & Aid	Aid	Revenue	₹	Special Assessment	ial ment	ial ment Enterprise
Remaining Balance for 2011									
2012 Budget Request									0\$
2013 Projection									\$4,700,000
2014 Projection									\$800,000
2015 Projection									\$300,000
2016 Projection									\$3,000,000
2017 Projection								1 1	\$3,000,000
Total Six Year Cost		8		\$0		0\$		3	\$0 \$11,800,000
Total Project Cost		%		&		S		X	\$0 \$11,800,000
								l i	
Life to Date Expenditures (Project Only)	ct Only)	0\$		\$		\$0	\$		0\$ 0\$
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	2 0000		<u>2</u>		56 □□□□	X	5		
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	oy another source? ustry standards? Ig any portion of the work? nalysis?		SS	% % % % ☑ □ □ ☑	Uncertain Uncertain Uncertain Uncertain				
How will this project impact city operating expenditures?	operating expenditures?		Increase		✓ Decrease None	o			
Estimated Start Date: Estimated Completion Date:									
		_	Department Head Signature	Head Sign	ature				
		_	Prepared By/Phone Ext	//Phone Ex	1	Dinah G. Gant/3867	/3867	1	

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Backup Power Generation		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$0
)ept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$11,800,000

General Project/Program Description:

This Program is a continuation of Milwaukee Water Works' authorized efforts to provide backup electric power generation for major purification and pumping facilities

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
Х			unable to quantify	Does the project directly reduce risks to people or property?
Х				Does the project directly promote improved health or safety?
		Х		Does the project mitigate an immediate risk?
<u> </u>		O41	O	

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		Х		Does the project address a legislative, regulatory or court-ordered mandate?
		Х		Does the project promote long-term regulatory compliance?
·		Х		Will there be serious negative impact on the City if compliance is not achieved?
,		X		Are there other ways to mitigate the regulatory concern?

res	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		Х		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure no included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		Х	•	Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Project/Program: 2012-17 Backup Power Generation

'Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of Jach area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Ye s	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		х		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		х		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		Х		Is one population affected positively and another negatively?
		Х		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		х		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		х		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce poliution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		Х		Has the facility being replaced exceeded its useful life?
		Х		Does this project extend the useful life of an existing facility?
		Х		Do maintenance costs exceed replacement costs? (See Below)
		Х		Have you documented costs of unplanned or corrective maintenance related to the facility?
		Х		Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		Х		Will this project improve the functionality or service life of other related infrastructure?

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
		Х		Is the net Impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		х		Will the project produce desirable jobs in the City?
		х		Will the project rejuvenate an area that needs assistance?
		х		Will the project promote the equitable distribution of the costs and benefits of development?

Yes	No	N/A	Amount	Special Considerations
		х		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		Х		Are there critical timing issues associated with this project?
		Х		Are there inter-jurisdictional considerations?
		Х		Can you quantify the impacts of a delay in this project?

MILWAUKEE WATER WORKS

2012-2017

CAPITAL PROJECTS CONTINGENCIES

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Pro	oject/Program Title:	2012-17 Capital Pro	ojects Contingencies	Requesting De	epartment:	DPW/MIL	WAUKEE WATER	works
Pre	epared By/Phone Ext:	Dinah G. Gant/386	7	_ Department He	ead Signature:	Jeff	Marto	
^ ^	ount No:	04206410R999		_	6	// 9	/	·
A)	Type of Project	ofof	Useful Life	-			Important Defined	esired
	< ✓	On-Going Program			· · · · · · · · · · · · · · · · · · ·			
8)	Miscellaneous Devel	Remodeling [New Building Ele	evators Gar	Commun Port curity Exte	_	Recreation Parking ntire Facility	
١		niormation Systems			langency			
C)	Project/Program Dur One Year On-Going Program Multi-Year	Tation Yes No Yes No	Number of Year	s				
-	Total Positions	Total FT						
	Position Title Pleas	se See Attached -52 Water Eng A.xis	No. of Posit	ions	FTEs	Salaries	\$ \$	
E) [In Six Year Capital Im Yes 2010-2019		☑ Yes, Mod	dified Nev	w Request			
=)	Project/Program Just Contingency authorizatic consequences that coul insufficient cost informat	on enables capital impr ld compromise the utilit	y's ability to provide su					ted
i)	Additional Comments The is no proposal for co		012 Program Year.					

BM-100

Requesting Department:	PUBLIC WORK	PUBLIC WORKS - Milwaukee Water Works	Works					
Project/Program Title:	2012-17 Capital	2012-17 Capital Projects Contingencies	es		Account No:	04206410R999	IR999	
Year	-	Tax Lew/Borrowing	Grant & Aid	PIA	Revenie	Special	nto-rote o	Total Cost
Remaining Balance for 2011	` L	G						0\$
2012 Budget Request	I						0\$	9
2013 Projection							0\$	95
2014 Projection							\$1,000,000	\$1,000,000
2015 Projection							0\$	0\$
2016 Projection							\$3,000,000	000'000'8\$
2017 Projection							0\$	0\$
Total Six Year Cost		0\$		O\$	O\$		\$4,000,000	\$4,000,000
Total Project Cost	<u></u>	0\$		0\$	0\$		\$0 \$4,000,000	\$4,000,000
Life to Date Expenditures (Project Only)	at Only)	0\$		9	\$0		0\$ 0\$	\$0
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	2012 2013 acts	8 0000	½ 🗆 🗆 🖸 🗆	50	9 □ □ □ □	6		
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	by another source? ustry standards? ig any portion of the nalysis?	e work?		2 2 2 2 7 7	Uncertain Uncertain Uncertain Uncertain			
How will this project impact city operating expenditures?	operating expenditu	ures?	☐ Increase	æ ✓ Decrease	rease None			
Estimated Start Date: Estimated Completion Date:								
			Department	Department Head Signature	ature			
			Prepared By	Prepared By/Phone Ext	I	Dinah G. Gant/3867		

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Capital Project Contingencies		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$0
Jept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$4,000,000

General Project/Program Description:

This proprosed Program allows Milwaukee Water Works to move quickly, funding wise, in the event of emergency unforeseen conditions or unexpected consequencies that would compromise the Utility's ability to continue providing the necessary quantity and/or quality of water.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?
es/	No	N/A	Amount	Regulatory Compliance
		Х		Does the project address a legislative, regulatory or court-ordered mandate?
		Х		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?
			onsiderations:	
'os l	No	N/A		
'es	No	N/A	Amount	Impact on Operational / Capital Budget
es	No	Х		What return on investment will this project generate?
es	No	X X		What return on investment will this project generate? What is the expected payback period for this project?
es	No	X X X		What return on investment will this project generate? What is the expected payback period for this project? Does the project minimize life-cycle costs?
'es	No	X X X		What return on investment will this project generate? What is the expected payback period for this project? Does the project minimize life-cycle costs? Will the facility require additional personnel to operate?
es	No	X X X		What return on investment will this project generate? What is the expected payback period for this project? Does the project minimize life-cycle costs? Will the facility require additional personnel to operate? Will the project lead to a reduction in operating costs?
es	No	X X X X X X		What return on investment will this project generate? What is the expected payback period for this project? Does the project minimize life-cycle costs? Will the facility require additional personnel to operate? Will the project lead to a reduction in operating costs? Will the project lead to increased productivity or service improvements?
res	No	X X X X X		What return on investment will this project generate? What is the expected payback period for this project? Does the project minimize life-cycle costs? Will the facility require additional personnel to operate? Will the project lead to a reduction in operating costs? Will the project lead to increased productivity or service improvements? Will the facility require significant annual maintenance?
res	No	X X X X X X X		What return on investment will this project generate? What is the expected payback period for this project? Does the project minimize life-cycle costs? Will the facility require additional personnel to operate? Will the project lead to a reduction in operating costs? Will the project lead to increased productivity or service improvements? Will the facility require significant annual maintenance? Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
'es	No	X X X X X X X X X		What return on investment will this project generate? What is the expected payback period for this project? Does the project minimize life-cycle costs? Will the facility require additional personnel to operate? Will the project lead to a reduction in operating costs? Will the project lead to increased productivity or service improvements? Will the facility require significant annual maintenance? Will the new facility require additional equipment or the construction of additional infrastructure not

Does the project involve specific energy reduction strategies or features?

Are there other potential costs associated with this project that are not addressed above?

Will this project cause disruptions to regular city operations?

Project/Program: 2012-17 Capital Projects Contingencies

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans or the DCD website.
		х		Is the project in comformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		Х		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		Х		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce politution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		Х		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		Х		Does this project extend the useful life of an existing facility?
		Х		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		Х		Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		х		Does the project have the potential to promote economic/community development in areas where growth is desired?
		х		Will the project continue to promote or enhance economic/community development in an already developed area?
		Х		Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce desirable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Yes No N/A Amount Special Considerations

Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?

X Are there critical timing issues associated with this project?

X Are there inter-jurisdictional considerations?

Can you quantify the impacts of a delay in this project?