

CITY OF DETROIT

Office of the Chief Financial Officer

Financial Report for the 3 Months ended September 30, 2015

November 23, 2015



Table of contents

	Page
1. Executive summary	2
2. FY 2016 projection	3
3. September year to date (YTD) cash flow budget to actuals analysis	4
4. September YTD cash flow to general ledger reconciliation	5
5. September YTD property tax revenue collections	6
6. September accounts payable summary	7
7. Exit financing summary	8
8. September headcount budget to actual	9
9. Debt service summary	10
10. External funding summary	11



Executive summary

- The Office of the CFO went live with Oracle Planning and Budgeting Cloud Services, the budget module of the financial management system, in October 2015
 - Department staff, in conjunction with the new Office of Departmental Financial Services, will begin preparing their FY 2017 budget request submission during the month of November
- The Office of the CFO has had overwhelming interest in new positions as part of its restructuring. As of November 17, 2015, we have:
 - Conducted over 100 final interviews for middle management and over 260 structured interviews for professionals
 - Made over 30 offers to middle management candidates
 - Received over 3,000 applications that meet the minimum qualifications for professional and para-professional positions
- Q1 indicates that FY 2016 results are favorable to budget
 - The primary tax revenues are based on the September 2015 Consensus Revenue Estimating Conference results
 - Payroll and benefits expenditures are below budget as a result of lower headcount, partially offset by a higher number of contract staff
 - Reinvestment related expenditures are moving forward consistent with timing of project implementation as well as the amount of Exit financing proceeds available



FY 2016 is projected to result in a General Fund surplus

\$ in millions

General Fund	FY 2016 Projection	EM's Budget	Variance
General Fund Property taxes	\$ 117.0	\$ 100.8	\$ 16.2
Net Income taxes	264.0	268.4	(4.4)
Utility taxes (1)	40.0	15.9	24.1
Gaming taxes	172.3	169.0	3.3
Distributable State aid	195.2	197.4	(2.2)
Other	280.0	284.9	(4.9)
Other operating revenues (2)	-	35.1	(35.1)
Total Revenues (3)	1,068.5	1,071.5	(3.0)
Payroll, taxes, & deductions (4)	(315.0)	(329.8)	14.8
Benefits (4)	(108.9)	(119.6)	10.8
Pension contributions	(29.1)	(28.6)	(0.5)
Subsidy payments	(81.2)	(81.6)	0.4
Materials, contracts & other operating expenditures (5)	(420.4)	(428.4)	8.0
Total Expenditures	(954.5)	(988.0)	33.5
Operating Surplus	114.0	83.5	30.5
Debt service (6)	(78.9)	(83.5)	4.6
Surplus / (Deficit)	\$ 35.1	\$ 0.0	\$ 35.1

Notes:

- (1) EM's budget includes \$12.5m transfer to the Public Lighting Authority (PLA). FY 2016 Projection reflects transfer in expenditures
- (2) EM's budget includes Public Lighting Dept. (PLD) revenues from internal charges and reimbursements from DTE (\$26m) and grant receipts for blight (\$9m), which will no longer be received by the General Fund
- (3) FY 2016 Projection reflects September 2015 Consensus Estimating Revenue Conference results
- (4) Lower projected expenditures due to vacant positions as a result of lower headcount
- (5) EM's budget includes PLD operating expenditures (\$26m) and payments related to blight (\$9m), which will no longer be incurred by the General Fund. FY 2016 Projection includes \$12.5m transfer to PLA
- (6) Lower interest payment on Exit financing due to principal repayment



The City's YTD net cash flows are ahead of budget

\$ in millions

General Fund	Actual 3 months	Prior Year		Budget (1)	
		3 months	Difference	3 months	Variance
General Fund Property taxes	60.2	82.0	(21.8) (2)	53.6	6.6
Net Income taxes	58.8	61.0	(2.2)	66.2	(7.4) (3)
Utility taxes	4.2	4.7	(0.5)	4.2	(0.0)
Gaming taxes	43.3	47.0	(3.7)	44.7	(1.3)
Distributable State aid	64.2	63.4	0.8	65.2	(1.0)
Other	49.6	105.8	(56.2) (4)	56.7	(7.1) (5)
Total Receipts	280.3	364.0	(83.7)	290.5	(10.3)
Payroll, taxes, & deductions	(94.0)	(87.5)	(6.5)	(101.2)	7.2
Benefits	(16.3)	(27.3)	11.0	(17.1)	0.8
Pension contributions	-	-	-	-	-
Subsidy payments	(7.8)	(6.6)	(1.2)	(9.4)	1.6
Materials, contracts & other operating expenditures	(79.0)	(135.9)	56.9 (4)	(96.0)	17.0 (5)
Total Disbursements	(197.0)	(257.3)	88.2	(223.7)	20.9
Operating Surplus (before Reinvestment)	83.2	106.7	4.5	66.8	10.6
Financing Adjustments	(56.5)	(23.7)	(32.9)	(56.5)	-
Non-Financing Adjustments	18.2	48.1	(29.9)	-	18.2 (6)
Total Adjustments to arrive at Net Cash Flow	(38.4)	24.4	(62.8)	(56.5)	18.2
Net Cash Flow (7)	44.8	131.1	(86.2)	10.3	34.5

Memo:

Beginning cash balance (net of dist. owed) (8)	207.8	156.8
Net Cash Flow (7)	44.8	131.1
Lockbox reserves	-	(0.2)
Ending cash balance (net of dist. owed) (8)	252.7	287.6

Notes:

- Budget has been spread based on historical actual cash activity.
- Negative difference versus prior year primarily due to Wayne County settlement checks as a result of foreclosure activity.
- \$4m in income tax refunds issued in FY'16 are related to FY'15.
- Negative trend in other receipts is offset by positive trend in materials, contracts & other operating expenditures and is primarily attributable to the segregation of DPW, BSEED, and Grants proceeds from the General Fund operating account.
- Variance partially due to Public Lighting Department revenue and expenditures that will not be realized by the General Fund, but were included in the Budget.
- Timing of property tax collections related to Wayne County foreclosure activity.
- Net Cash Flow was determined based on General Fund cash activity adjusted for known deposits in transit, prior period adjustments and classification differences.
- Beginning & ending balance includes Comerica 8953, 3139 and 3246 accounts, which are fund 1000 accounts that were previously excluded from the cash subtotal due to the fund segregation process, which began in FY 2015.



Differences between cash and general ledger YTD are mostly due to the period in which activity was recorded

\$ in millions

General Fund	Cash Actual	General Ledger			Difference
		Posted	To Be Posted	Total	
General Fund Property taxes	\$ 60.2	\$ 63.6	\$ -	\$ 63.6	\$ 3.4
Net Income taxes (1)	58.8	43.8	-	43.8	(15.0)
Utility taxes	4.2	0.2	4.0	4.2	(0.0)
Gaming taxes	43.3	13.7	29.7	43.4	0.0
Distributable State aid (1)	64.2	-	-	-	(64.2)
Other (2)	49.6	23.4	6.2	29.6	(20.0)
Total Receipts	280.3	144.7	39.9	184.6	(95.7)
Payroll, taxes, & deductions (3)	(94.0)	(78.8)	-	(78.8)	15.2
Benefits	(16.3)	(18.5)	-	(18.5)	(2.2)
Pension contributions	-	-	-	-	-
Subsidy payments	(7.8)	(8.9)	-	(8.9)	(1.1)
Materials, contracts & other operating expenditures (4)	(79.0)	(62.1)	-	(62.1)	16.9
Total Disbursements	(197.0)	(168.2)	-	(168.2)	28.8
Operating Surplus (before Reinvestment)	83.2	(23.5)	39.9	16.4	(66.8)
Financing Adjustments (5)	(56.5)	(2.3)	(24.2)	(26.5)	30.0
Non-Financing Adjustments (6)	18.2	0.8	-	0.8	(17.4)
Subtotal Adjustments	(38.4)	(1.6)	(24.2)	(25.8)	12.6
Net Surplus/(Deficit)	\$ 44.8	\$ (25.1)	\$ 15.7	\$ (9.4)	\$ (54.2)

Notes:

- (1) City records activity related to FY 2015 in the general ledger that was collected in FY 2016 (Income Taxes (\$14m) and DSA (\$64m))
- (2) Variance partially due to municipal services fees collected in FY 2016 to be recorded in FY 2015 (\$7m), grants (\$2m), and cash specific transactions (\$1m). Remaining variance is further being researched (\$10m)
- (3) Variance primarily due to cash actuals including payroll expenses incurred in FY 2015, but paid in FY 2016
- (4) Cash actuals include grants (\$3m), loans to other funds (\$7m), and non-General Fund entities (\$4m) not included in the City's general ledger
- (5) Cash actuals include Exit financing principal repayment (\$30m)
- (6) Cash actuals include collections from FY 2015, primarily related to property tax revenues (\$17m)



The collection rate for City property taxes YTD is marginally better than the prior year

\$ in millions

	FY 2016			FY 2015		
	Adjusted tax roll (1)	Collections YTD	Collection rate	Adjusted tax roll (1)	Collections YTD	Collection rate
General City	\$ 131.8	\$ 58.9	44.7%	\$ 132.6	\$ 57.7	43.5%
Debt Service	69.6	31.5	45.3%	73.8	32.8	44.5%
Solid Waste	59.3	20.2	34.0%	57.0	19.1	33.6%
Total City (2)	\$ 260.7	\$ 110.6	42.4%	\$ 263.3	\$ 109.7	41.6%

Note:

- (1) The adjusted tax roll is a full year amount and includes amounts which may not have been billed yet by the City.
- (2) Amounts are net of property taxes collected on behalf of DPS, State Education Trust, Wayne County and other Non-City taxing authorities.



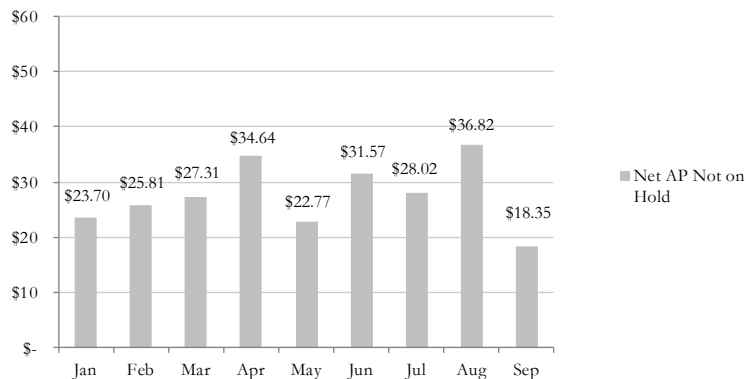
The City is paying invoices timely. Invoices on hold or bankruptcy related may take longer to pay

\$ in millions

Accounts Payable (AP) as of 10/02/15	
Total AP	\$ 44.19
Less: Bankruptcy-Related AP (1)	(9.40)
Less: AP on Hold (2)	(16.44)
Net AP Not on Hold (3)	\$ 18.35

Historical Accounts Payable

Excluding Bankruptcy-Related and Invoices on Hold AP



Aging by Department

(excluding Bankruptcy-Related AP and Invoices On Hold)

Department	Net AP	Current	Days Past Due			
			1-30	31-60	61-90	91+
1 Department of Public Works	\$ 3.75	\$ 1.01	\$ 1.34	\$ 0.64	\$ 0.32	\$ 0.43
2 General Accounting	2.37	2.37	0.00	-	-	-
3 Planning and Development Department	1.39	0.04	0.31	0.96	0.02	0.07
4 Department of Transportation	0.98	0.57	0.39	0.01	0.01	(0.01)
5 Police Department	0.93	0.73	0.09	0.02	0.01	0.07
6 General Service Dept	0.76	0.36	0.26	0.00	-	0.15
7 Law Department	0.71	0.46	0.20	0.03	0.01	0.01
8 36th District Court	0.71	0.64	0.07	-	-	0.00
9 Information Technology Services	0.60	0.06	0.18	0.32	0.02	0.02
10 Budget Department	0.39	0.39	0.00	-	-	-
11 City Council	0.19	0.01	0.01	-	-	0.18
12 Recreation Department	0.19	0.01	0.00	0.02	0.06	0.11
13 Health Department	0.15	0.15	-	-	-	-
14 Income Tax	0.12	-	0.12	-	-	-
15 Municipal Parking Department	0.07	0.06	0.00	0.00	0.00	0.00
16 Library	0.06	-	0.01	0.04	0.00	0.01
17 Buildings and Safety Department	0.04	0.01	0.00	-	-	0.02
18 Commission	0.04	0.03	0.01	0.00	0.00	0.00
19 Human Resources Department	0.03	-	0.01	-	0.02	0.00
20 Public Lighting Department	0.03	-	-	0.01	0.01	(0.00)
Other Departments (21 depts)	0.09	0.04	0.01	0.02	0.01	0.01
Subtotal - Non DWSD	\$ 13.59	\$ 6.93	\$ 3.01	\$ 2.08	\$ 0.49	\$ 1.08
	100%	51%	22%	15%	4%	8%
Water Department	3.05	0.23	1.13	0.49	1.07	0.13
Sewerage Department	1.71	0.44	0.70	0.50	0.07	(0.00)
Subtotal - DWSD	\$ 4.75	\$ 0.68	\$ 1.82	\$ 0.98	\$ 1.14	\$ 0.13
Total	\$ 18.35	\$ 7.61	\$ 4.84	\$ 3.07	\$ 1.63	\$ 1.21
	100%	41%	26%	17%	9%	7%

Notes:

- (1) Bankruptcy-related invoices are excluded as they will not be paid in the ordinary course, but instead will be resolved as part of the bankruptcy process (i.e. Note B).
- (2) Invoices typically placed on a system hold are pending validation.
- (3) Total Net AP Not on Hold include retainage holdbacks to be paid upon completion of projects, which total \$2.9m primarily in amounts over 31 days past due.



Exit financing proceeds have been used to jump start improving technology, neighborhoods, and public safety

\$ in millions

	Number of Projects	Amount Approved	Total Amount Paid
Available Exit financing proceeds		\$ 233.2	
Project Allocation:			
Dept. of Innovation and Technology	5	\$ (34.2)	\$ (14.1)
Blight	7	(29.7)	(17.1)
Police	7	(29.4)	(17.0)
Fire	9	(22.0)	(10.5)
General Services	13	(19.6)	(16.7)
OCFO	6	(15.8)	(14.6)
BSEED	1	(4.4)	(1.2)
Law	1	(2.2)	(0.3)
DDOT	1	(1.8)	(1.8)
Recreation	2	(1.5)	(1.2)
Human Resources	2	(0.8)	(0.6)
Other	3	(0.3)	(0.1)
Total	57	\$ (161.6)	\$ (95.3)
Amounts reserved for projects under review		\$ 71.6	



City headcount is increasing and remains under budget

	Actual Sep'14	Actual Sep'15	Budget FY 2016 (1)	Variance	% Variance
Public safety					
Police	2,666	2,738	2,989	251	8%
Fire (2)	1,173	1,239	1,423	184	13%
Total Uniform	3,839	3,977	4,412	435	10%
Non-public safety					
Budget	11	8	16	8	
Dept. of Public Works (3)	377	356	345	(11)	
Finance	182	193	340	147	
Health & Wellness	7	8	8	0	
Human Resources	78	82	115	33	
Housing & Revitalization/Planning & Development (4)	91	96	83	(13)	
Dept. of Innovation and Technology	34	33	45	12	
Law	85	94	103	9	
Mayor	45	57	62	5	
Public Lighting Dept.	18	6	17	11	
Recreation (3) (5)	178	196	116	(80)	
General Services (3)	408	434	457	23	
Legislative (6)	137	103	118	15	
36th District Court	353	353	353	0	
Other (7)	47	62	87	25	
Total Civilian	2,051	2,081	2,265	184	8%
Total General City	5,890	6,058	6,677	619	9%
Enterprise					
Airport	3	4	8	4	
BSEED	178	176	206	30	
Transportation	930	1,005	967	(38)	
Parking	83	83	88	5	
Water/Sewerage	1,495	1,329	1,674	345	
Library	322	301	334	33	
Total Enterprise	3,011	2,898	3,277	379	12%
Total City	8,901	8,956	9,954	998	10%

Notes:

- (1) Includes positions from reinvestment initiatives.
- (2) Budget reflects 1,189 FTE per Four Year Financial Plan and 150 funded by SAFER grants.
- (3) Includes seasonal workers anticipated to complete work at the departments in the near-term.
- (4) Includes FTE being funded from Mayor's Office budget.
- (5) Budget for Recreation includes FTEs, however, actuals are reported in actual heads including seasonal (temporary) workers.
- (6) Includes: Auditor General, Zoning, City Council, Ombudsperson, City Clerk, and Elections.
- (7) Includes: Human Rights, Administrative Hearings, Homeland Security, Non-departmental, and some reinvestment.



FY 2016 and future debt service has decreased due to \$32m of early debt redemption and lower interest rate resulting from the investment grade rating on the LTGO Exit financing

\$ in millions

Debt Obligation	Sept 30, 2015		FY16 Debt			Amount
	Principal Balance	Source of Funding	Service	Amount Paid	At Trustee	Remaining / (Credit Balance)
LTGO (2010 & 2012-C DSA)	\$ 368.6	General Fund	\$ 29.2	\$ -	\$ 20.4	\$ 8.8
LTGO (Exit Financing) (1)	-	General Fund	33.2	33.2	-	-
LTGO (Exit Financing, Remarketed) (2)	245.0	General Fund	6.4	-	-	6.4
LTGO (B-Notes)	632.0	General Fund	25.0	-	-	25.0
LTGO (C-Notes)	85.3	General Fund	10.0	-	-	10.0
Capital Leases (3)	-	General Fund	2.0	2.0	-	-
Total General Fund	\$ 1,330.9		\$ 105.8	\$ 35.2	\$ 20.4	\$ 50.1
UTGO (2010-A DSA)	\$ 98.1	Property tax millage	\$ 9.8	\$ -	\$ 11.1	\$ (1.3)
UTGO (STUB)	38.6	Property tax millage	6.3	-	6.3	-
UTGO (2014-A1 - 2014-K2)	256.4	Property tax millage	41.5	-	21.6	19.9
Total UTGO	\$ 393.1		\$ 57.6	\$ -	\$ 39.0	\$ 18.6
HUD Notes	\$ 77.1	Grants	\$ 6.9	\$ 5.2	\$ 0.0	\$ 1.7
Total other	\$ 77.1		\$ 6.9	\$ 5.2	\$ 0.0	\$ 1.7
Total	\$ 1,801.1		\$ 170.3	\$ 40.5	\$ 59.4	\$ 70.4

Notes:

- (1) \$30m partial redemption on August 31, 2015. Includes \$3.2m debt service paid between July through August
- (2) Remarketed, effective September 1, 2015
- (3) Remaining balance of capital lease maturing December 2016 was paid in September 2015



The City is leveraging funding from external sources

\$ in millions

Department	Amount Awarded	Number of Grants
Housing & Revitalization	\$ 166.6	37
Transportation	163.9	39
Fire	57.7	11
Health & Wellness Promotion	47.1	7
Public Works	35.1	24
Police	26.9	34
Recreation	5.1	26
Homeland Security and Emergency Management	3.6	13
General Services	1.5	2
Other (1)	2.3	13
Active Federal/State grants (2)	\$ 509.7	206
Active private grants	\$ 17.9	17
Active private donations	\$ 20.6	29
Total active grants and donations	\$ 548.3	252

Notes:

- (1) Other includes BSEED, Airport, and Office of Grants Management
- (2) Total does not include Hardest Hit Fund grants, which are reflected in the Land Bank Authority



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CITY OF DETROIT
OFFICE OF THE CHIEF FINANCIAL OFFICER

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October 15, 2015

Detroit Financial Review Commission
3062 W. Grand Blvd
Detroit, Michigan 48202

Re: City of Detroit Debt Service Requirements and Certification
Fiscal Year 2016, Quarter 1

Dear Commissioners:


Enclosed with this letter you find the debt service requirements due on all bonds, leases, and other municipal debt of the city of Detroit in compliance with section 6 of the Michigan Financial Review Commission Act, Act 181, Public Acts of Michigan, 2014.

We hereby certify as of the date of this letter: (1) that the amounts specified herein are accurate statements of the City's debt service requirements; and (2) that the City of Detroit is financially able to meet the debt service requirements through the end of the current fiscal year.

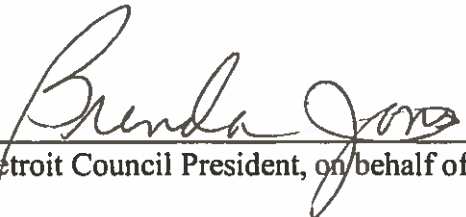
With regards,



Mayor, City of Detroit



Chief Financial Officer, City of Detroit



Detroit Council President, on behalf of the Honorable Detroit City Council

BY COUNCIL MEMBER:

President Pro Tem

Cushingberry, Jr.

RESOLVED, that the City of Detroit Debt Service Requirements and Certification for Fiscal Year 2016, Quarter 1 report is approved.

TRUE COPY CERTIFICATE

STATE OF MICHIGAN }
City of Detroit } SS

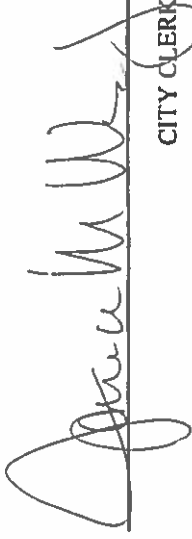
CITY CLERK'S OFFICE, DETROIT

I, Janice M. Winfrey, City Clerk of the City of Detroit, in said State, do hereby certify that the annexed paper is a TRUE COPY OF RESOLUTION adopted (passed) by the City Council at session of October 27, 2015 and approved by Mayor November 2, 2015

as appears from the Journal of said City Council in the office of the City Clerk of Detroit, aforesaid; that I have compared the same with the original, and the same is a correct transcript therefrom, and of the whole of such original.

In Witness Whereof, I have hereunto set my hand and affixed the corporate seal of said City, at

Detroit, this 3rd day of November A.D. 2015


CITY CLERK

**City of Detroit
Debt Obligation Summary**

Debt Obligation	# of Series	Sept 30, 2015 Principal Balance	Amount			
			FY16 Debt Service	Amount Paid	At Trustee	Remaining/Credit Balance
UTGO (2010-A DSA)	1	\$98,115,000	\$9,826,291	-	11,119,744	(\$1,293,454)
UTGO (STUB)	11	\$38,645,000	\$6,259,973	-	6,259,998	(\$25)
UTGO (2014-A1 - 2014-K2)	11	\$256,355,000	\$41,526,051	-	21,641,782	\$19,884,269
LTGO (2010 & 2012-C DSA)	5	\$368,555,000	\$29,212,063	-	\$20,376,762	\$8,835,301
LTGO (Exit Financing)	2	-	\$33,199,158	\$33,199,158	\$0	-
LTGO (Exit Financing, Remarketed)	2	\$245,000,000	\$6,360,524	-	\$0	\$6,360,524
LTGO (B-Notes)	2	\$631,964,145	\$24,970,484	-	\$0	\$24,970,484
LTGO (C-Notes)	1	\$85,343,547	\$9,977,154	-	\$0	\$9,977,154
HUD Notes	16	\$77,149,000	\$6,933,062	\$5,247,494	31,584	\$1,653,984
Capital Leases	1	\$0	\$2,037,704	\$2,037,704	-	-
	52	\$1,801,126,692	\$170,302,464	\$40,484,356	\$59,429,870	\$70,388,238

Note: Amounts Paid/At Trustee are as of September 30, 2015.

Note: LTGO (Exit Financing) - \$30 million Partial Redemption on August 31, 2015

Note: LTGO (Exit Financing) - Remarketed, Effective September 1, 2015

City of Detroit - Annual STUB UTGO Detail Debt Service Requirements

ISSUE NAME:	General Obligation Bonds (Unlimited Tax), Series 1998A	General Obligation Bonds (Unlimited Tax), Series 2001A	General Obligation Bonds (Unlimited Tax), Series 2002
REPAYMENT SOURCE:	Full faith and credit and resources of the City.	Full faith and credit and resources of the City.	Full faith and credit and resources of the City.
PURPOSE(S):	Ad valorem taxes levied annually on all property	Ad valorem taxes levied annually on all property	Ad valorem taxes levied annually on all property
ORIGINAL PAR:	Financing capital improvements	Financing capital improvements	Financing capital improvements
DATED DATE:	\$44,100,000	\$100,000,000	\$46,000,000
PRINCIPAL DUE:	April 1, 1999	July 16, 2001	August 8, 2002
INTEREST DUE:	Annual: April	Annual: April	Annual: April
INTEREST RATE:	Semi-Annual: October/April	Semi-Annual: October/April	Semi-Annual: October/April
MATURITY DATE:	5.00%	5.00% to 5.375%	5.15%
INSURANCE:	April 1, 2018	April 1, 2021	April 1, 2022
CALL PROVISIONS:	FBA	MSIA	MSIA
Fiscal Year Ending June 30:	April 1, 2006 @ 10; 10 @ 100.5; 11 @ 100	October 1, 2011 @ 100	April 1, 2011 @ 100
2016	Principal: \$392,346	Principal: \$820,060	Principal: \$44,613
2017	Interest: \$84,593	Interest: \$464,228	Interest: \$44,613
2018	Total: \$476,939	Total: \$1,284,288	Total: \$44,613
2019	Principal: \$411,895	Principal: \$864,600	Principal: \$44,613
2020	Interest: \$44,376	Interest: \$373,678	Interest: \$44,613
2021	Total: \$477,299	Total: \$1,238,278	Total: \$44,613
2022	Principal: \$432,955	Principal: \$1,834,000	Principal: \$44,613
2023	Interest: \$44,376	Interest: \$275,100	Interest: \$44,613
2024	Total: \$477,299	Total: \$2,109,100	Total: \$44,613
2025	Principal: \$454,570	Principal: \$1,834,000	Principal: \$44,613
2026	Interest: \$22,729	Interest: \$183,400	Interest: \$44,613
2027	Total: \$477,299	Total: \$2,017,400	Total: \$44,613
2028	Principal: \$424,440	Principal: \$446,055	Principal: \$44,613
2029	Interest: \$22,859	Interest: \$22,859	Interest: \$22,859
2030	Total: \$447,300	Total: \$468,915	Total: \$468,915
OUTSTANDING:	\$1,691,865	\$9,020,860	\$870,495
CALLABLE:	\$216,674	\$1,006,255	\$296,538
NOTES:	TERM BONDS IN RED BOX		

City of Detroit - Annual STUB UTGO Detail Debt Service Requirements

ISSUE NAME:				
REPAYMENT SOURCE:	General Obligation Bonds (Unlimited Tax), Series 2003-A	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
PURPOSE(S):	Financing capital improvements	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
ORIGINAL PAR DATED DATE:	\$44,020,000 October 21, 2003	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
PRINCIPAL DUE INTEREST DUE:	Annual: April Semi-Annual: October/April	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
INTEREST RATE:	4.50% to 5.20%	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
MATURITY DATE:	April 1, 2023	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
INSURANCE:	Sycora (Formerly XLCA)	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
CALL PROVISIONS:	April 1, 2013 @ 100	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
Fiscal Year Ending June 30:		Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2016	\$392,345	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2017	\$412,050	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2018	\$434,265	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2019	\$457,190	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2020	\$481,425	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2021	\$505,660	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2022	\$532,515	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2023	\$560,025	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2024		Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2025		Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2026		Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2027		Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
2028		Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
OUTSTANDING:	\$3,776,075	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
CALLABLE:	\$028,763	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
OUTSTANDING:	\$3,776,075	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total
CALLABLE:	\$028,763	Full faith and credit and resources of the City.	Ad valorem taxes levied annually on all property	Total

	Principal	Interest	Total
Refunding	\$1,192,755	\$141,796	\$1,334,551
September 9, 2004	\$1,265,635	\$79,176	\$1,334,811
Annual: April	\$262,000	\$13,755	\$275,755
Semi-Annual: October/April			
4.00% to 5.25%			
April 1, 2018			
AMBAC			
April 1, 2014 @ 100			
Total	\$2,710,390	\$234,727	\$2,945,117

	Principal	Interest	Total
Financing capital improvements	\$266,643	\$266,643	\$266,643
September 9, 2004	\$266,643	\$266,643	\$266,643
Annual: April	\$589,500	\$235,695	\$825,195
Semi-Annual: October/April	\$821,370	\$192,815	\$1,014,185
4.25% to 5.25%	\$864,600	\$149,585	\$1,014,185
April 1, 2024	\$907,830	\$101,924	\$1,009,754
AMBAC	\$955,845	\$52,121	\$1,007,966
April 1, 2014 @ 100	\$1,005,425		\$1,005,425
Total	\$5,144,370	\$1,780,713	\$6,943,083

	Principal	Interest	Total
Financing capital improvements	\$196,115	\$196,115	\$392,230
October 21, 2003	\$175,517	\$175,517	\$351,034
Annual: April	\$153,853	\$153,853	\$307,706
Semi-Annual: October/April	\$131,054	\$107,052	\$238,106
4.50% to 5.20%	\$481,425	\$82,288	\$563,713
April 1, 2023	\$505,660	\$55,721	\$561,381
Sycora (Formerly XLCA)	\$532,515	\$28,173	\$560,688
April 1, 2013 @ 100	\$560,025		\$560,025
Total	\$3,776,075	\$028,763	\$4,705,028

NOTES:
TERM BONDS IN RED BOX

City of Detroit - Annual STUB UTGO Detail Debt Service Requirements

General Obligation Refunding Bonds (Unlimited Tax), Series 2006-C		
Full faith and credit and resources of the City.		
Ad valorem taxes levied annually on all property		
Advance refunding		
\$30,805,000		
December 13, 2006		
Annual: April		
Semi-Annual: October/April		
4.30% to 5.25%		
April 1, 2020		
FSA		
April 1, 2010 @ 100		
Principal	Interest	Total
\$317,675	\$86,098	\$403,773
\$333,395	\$70,214	\$403,609
\$344,630	\$55,878	\$400,408
\$358,285	\$38,652	\$396,937
\$377,935	\$19,842	\$397,777
\$1,731,820	\$270,683	\$2,002,503

General Obligation Bonds (Unlimited Tax), Series 2005-B		
Full faith and credit and resources of the City.		
Ad valorem taxes levied annually on all property		
Financing capital improvements		
\$81,780,000		
December 13, 2005		
Annual: April		
Semi-Annual: October/April		
4.30% to 5.00%		
April 1, 2025		
FSA		
April 1, 2010 @ 100		
Principal	Interest	Total
\$315,055	\$261,818	\$576,873
\$330,120	\$246,065	\$576,185
\$345,185	\$231,870	\$577,055
\$362,215	\$214,611	\$576,826
\$655,000	\$196,500	\$851,500
\$655,000	\$183,750	\$838,750
\$655,000	\$131,000	\$786,000
\$655,000	\$98,250	\$753,250
\$655,000	\$85,500	\$720,500
\$655,000	\$32,750	\$687,750
\$6,282,575	\$1,642,114	\$6,924,689

General Obligation Refunding Bonds (Unlimited Tax), Series 2004B (2)		
Full faith and credit and resources of the City.		
Ad valorem taxes levied annually on all property		
Taxable, Refunding		
\$17,270,000		
September 6, 2004		
Annual: April		
Semi-Annual: October/April		
5.34%		
April 1, 2018		
AMBAC		
Noncallable		
Principal	Interest	Total
\$21,816	\$2,883	\$24,698
\$22,270	\$1,760	\$24,030
\$11,135	\$583	\$11,718
\$55,020	\$5,217	\$60,237

ISSUE NAME:	
REPAYMENT SOURCE:	
PURPOSE(S):	
ORIGINAL PAR DATED DATE:	
PRINCIPAL DUE INTEREST DUE:	
INTEREST RATE:	
MATURITY DATE:	
INSURANCE:	
CALL PROVISIONS:	
Fiscal Year Ending June 30:	
2016	
2017	
2018	
2019	
2020	
2021	
2022	
2023	
2024	
2025	
2026	
2027	
2028	

OUTSTANDING:
CALLABLE:

NOTES:
TERM BONDS IN RED BOX

City of Detroit - Annual STUB UTGO Detail Debt Service Requirements

ISSUE NAME: REPAYMENT SOURCE: PURPOSE(S): ORIGINAL PAIR DATED DATE: PRINCIPAL DUE: INTEREST DUE: INTEREST RATE: MATURITY DATE: INSURANCE: CALL PROVISIONS:	GO Bonds (Unlimited Tax), Series 2008-A Full faith and credit and resources of the City. Ad valorem taxes levied annually on all property Financing capital improvements \$68,030,000 June 8, 2008 Annual: April Semi-Annual: October/April 4.00% to 5.00% April 1, 2028 Assured Guaranty April 1, 2018 @ 100	General Obligation Refunding Bonds (Unlimited Tax), Series 2008-B(1) Full faith and credit and resources of the City. Ad valorem taxes levied annually on all property Current refunding \$66,475,000 June 9, 2008 Annual: April Semi-Annual: October/April 5.00% April 1, 2018 Assured Guaranty Noncallable	ALL	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Principal</th> <th>Interest</th> <th>Total</th> </tr> </thead> <tbody> <tr><td>\$394,985</td><td>\$342,925</td><td>\$737,910</td></tr> <tr><td>\$416,270</td><td>\$323,177</td><td>\$739,447</td></tr> <tr><td>\$435,575</td><td>\$302,414</td><td>\$737,989</td></tr> <tr><td>\$453,260</td><td>\$284,991</td><td>\$738,251</td></tr> <tr><td>\$475,630</td><td>\$262,328</td><td>\$737,958</td></tr> <tr><td>\$499,765</td><td>\$238,551</td><td>\$738,316</td></tr> <tr><td>\$524,655</td><td>\$213,563</td><td>\$738,218</td></tr> <tr><td>\$550,855</td><td>\$187,330</td><td>\$738,185</td></tr> <tr><td>\$578,365</td><td>\$159,787</td><td>\$738,152</td></tr> <tr><td>\$607,165</td><td>\$130,869</td><td>\$738,034</td></tr> <tr><td>\$637,970</td><td>\$100,510</td><td>\$738,480</td></tr> <tr><td>\$669,410</td><td>\$68,611</td><td>\$738,021</td></tr> <tr><td>\$702,815</td><td>\$35,141</td><td>\$737,956</td></tr> <tr><td>\$8,945,020</td><td>\$2,650,198</td><td>\$9,595,218</td></tr> </tbody> </table>	Principal	Interest	Total	\$394,985	\$342,925	\$737,910	\$416,270	\$323,177	\$739,447	\$435,575	\$302,414	\$737,989	\$453,260	\$284,991	\$738,251	\$475,630	\$262,328	\$737,958	\$499,765	\$238,551	\$738,316	\$524,655	\$213,563	\$738,218	\$550,855	\$187,330	\$738,185	\$578,365	\$159,787	\$738,152	\$607,165	\$130,869	\$738,034	\$637,970	\$100,510	\$738,480	\$669,410	\$68,611	\$738,021	\$702,815	\$35,141	\$737,956	\$8,945,020	\$2,650,198	\$9,595,218
Principal	Interest	Total																																															
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OUTSTANDING: CALLABLE:				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Principal</th> <th>Interest</th> <th>Total</th> </tr> </thead> <tbody> <tr><td>\$4,297,455</td><td>\$1,962,518</td><td>\$6,259,973</td></tr> <tr><td>\$4,514,915</td><td>\$1,740,556</td><td>\$6,255,471</td></tr> <tr><td>\$4,599,136</td><td>\$1,512,467</td><td>\$6,108,822</td></tr> <tr><td>\$4,599,020</td><td>\$1,276,392</td><td>\$5,875,412</td></tr> <tr><td>\$4,645,280</td><td>\$1,049,428</td><td>\$5,694,698</td></tr> <tr><td>\$4,783,465</td><td>\$813,097</td><td>\$5,596,562</td></tr> <tr><td>\$3,066,055</td><td>\$572,729</td><td>\$3,638,784</td></tr> <tr><td>\$2,721,325</td><td>\$415,677</td><td>\$3,137,002</td></tr> <tr><td>\$2,236,790</td><td>\$277,408</td><td>\$2,514,198</td></tr> <tr><td>\$1,262,185</td><td>\$163,819</td><td>\$1,425,994</td></tr> <tr><td>\$637,970</td><td>\$100,510</td><td>\$738,480</td></tr> <tr><td>\$669,410</td><td>\$68,611</td><td>\$738,021</td></tr> <tr><td>\$702,815</td><td>\$35,141</td><td>\$737,956</td></tr> <tr><td>\$36,545,000</td><td>\$9,980,772</td><td>\$46,525,772</td></tr> </tbody> </table>	Principal	Interest	Total	\$4,297,455	\$1,962,518	\$6,259,973	\$4,514,915	\$1,740,556	\$6,255,471	\$4,599,136	\$1,512,467	\$6,108,822	\$4,599,020	\$1,276,392	\$5,875,412	\$4,645,280	\$1,049,428	\$5,694,698	\$4,783,465	\$813,097	\$5,596,562	\$3,066,055	\$572,729	\$3,638,784	\$2,721,325	\$415,677	\$3,137,002	\$2,236,790	\$277,408	\$2,514,198	\$1,262,185	\$163,819	\$1,425,994	\$637,970	\$100,510	\$738,480	\$669,410	\$68,611	\$738,021	\$702,815	\$35,141	\$737,956	\$36,545,000	\$9,980,772	\$46,525,772
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NOTES:
TERM BONDS IN RED BOX

City of Detroit - Annual LTGO DSA DEBT Debt Service Requirements

ISSUE NAME	ISSUE NUMBER	REPAYMENT	SOURCE	PURPOSE(S)	ORIGINAL PAR DATED DATE	PRINCIPAL DUE	INTEREST DUE	INTEREST RATE	MATURITY DATE	INSURANCE	CALL PROVISIONS	Fiscal Year Ending June 30
Distributable State Aid Bonds (Limited Tax Obligation), Series 2010		Full faith and credit and resources of the City, additionally Detroit's share of State Shared Revenue payments.	Ad valorem taxes levied annually on all property payments.	Fund Portion of Accumulated Deficit	\$248,790,000	March 15, 2010	Annual: November	Semi-Annual: November/May	4.25% to 5.25%	November 1, 2035	Noninsured	November 1, 2030 @ 100
Principal	\$6,775,000	\$12,074,513	\$18,849,513									
Interest	\$11,721,136	\$18,847,138	\$18,847,138									
Total	\$18,496,136	\$18,847,138	\$18,849,513									
Principal	\$7,485,000	\$11,382,013	\$18,847,138									
Interest	\$7,070,000	\$10,979,138	\$18,849,513									
Total	\$14,555,000	\$22,361,151	\$37,696,651									
Principal	\$8,275,000	\$10,574,513	\$18,850,138									
Interest	\$8,280,000	\$10,150,138	\$18,849,513									
Total	\$16,555,000	\$20,724,651	\$37,699,651									
Principal	\$9,115,000	\$9,754,425	\$18,849,513									
Interest	\$9,525,000	\$9,321,900	\$18,849,513									
Total	\$18,640,000	\$19,076,325	\$37,699,028									
Principal	\$9,985,000	\$8,883,375	\$18,849,513									
Interest	\$10,465,000	\$8,394,458	\$18,849,513									
Total	\$20,450,000	\$17,277,833	\$37,699,028									
Principal	\$11,015,000	\$7,834,375	\$18,849,513									
Interest	\$11,580,000	\$7,289,500	\$18,849,513									
Total	\$22,595,000	\$15,123,875	\$37,699,028									
Principal	\$12,170,000	\$6,675,750	\$18,845,750									
Interest	\$12,795,000	\$6,051,825	\$18,849,513									
Total	\$24,965,000	\$12,727,575	\$37,695,263									
Principal	\$13,450,000	\$5,395,500	\$18,845,750									
Interest	\$14,140,000	\$4,705,750	\$18,849,513									
Total	\$27,590,000	\$10,101,250	\$37,695,263									
Principal	\$14,085,000	\$3,881,519	\$18,845,750									
Interest	\$15,690,000	\$3,158,925	\$18,849,513									
Total	\$29,775,000	\$7,040,444	\$37,695,263									
Principal	\$17,425,000	\$1,421,589	\$18,846,589									
Interest	\$18,365,000	\$482,081	\$18,847,671									
Total	\$35,790,000	\$1,903,670	\$37,694,260									
Principal	\$197,320,000	\$152,449,319	\$385,869,319									
Interest	\$197,320,000	\$152,449,319	\$385,869,319									
Total	\$394,640,000	\$304,898,638	\$771,738,638									
Principal	\$243,345,000	\$152,449,319	\$385,869,319									
Interest	\$197,320,000	\$152,449,319	\$385,869,319									
Total	\$440,665,000	\$304,898,638	\$771,738,638									

OUTSTANDING: \$197,320,000

CALLABLE: \$197,320,000

NOTES: TERM BONDS IN RED BOX

(1) City released \$44 in par in 7/2012

City of Detroit - Annual LTGO DSA DEBT Debt Service Requirements

ISSUE NAME:	ISSUE NUMBER:	REFINANCE:	SOURCE:	PURPOSE(S):	ORIGINAL PAR:	DATE DATE:	PIRGICAL C/E:	INTEREST DUE:	INTEREST RATE:	MATURITY DATE:	INSURANCE:	CALL PROVISIONS:
				Plaid Risk Management Fund	\$83,520,000	August 23, 2012	Annual: November	Semi-Annual: November/May	4.00% to 5.00%	November 1, 2032	None/Insured	(November 1, 2018 @ 100 (2639 & 2031 on November 1, 2022 @ 196)

Principal	Interest	Total
\$1,053,000	\$2,428,700	\$4,283,700
\$1,950,000	\$2,333,575	\$4,283,575
\$2,063,000	\$2,233,575	\$4,296,575
\$2,145,000	\$2,139,425	\$4,284,425
\$2,200,000	\$2,051,925	\$4,251,925
\$2,335,000	\$1,948,950	\$4,283,950
\$2,450,000	\$1,829,325	\$4,279,325
\$2,710,000	\$1,671,325	\$4,381,325
\$2,650,000	\$1,432,325	\$4,082,325
\$3,150,000	\$1,132,575	\$4,282,575
\$3,310,000	\$971,075	\$4,281,075
\$3,480,000	\$801,325	\$4,281,325
\$3,660,000	\$622,825	\$4,282,825
\$3,825,000	\$454,825	\$4,279,825
\$3,890,000	\$293,538	\$4,183,538
\$4,176,000	\$104,375	\$4,279,375
\$51,740,000	\$26,539,438	\$77,879,438
\$41,519,000		

Principal	Interest	Total
\$1,260,000	\$17,952,063	\$29,212,063
\$1,840,000	\$17,374,963	\$29,214,963
\$2,445,000	\$16,767,438	\$29,212,438
\$3,035,000	\$16,155,963	\$29,210,963
\$3,670,000	\$15,540,838	\$29,210,638
\$4,350,000	\$14,967,113	\$29,217,113
\$5,030,000	\$14,411,775	\$29,211,775
\$5,765,000	\$13,844,875	\$29,209,875
\$6,550,000	\$13,266,350	\$29,211,350
\$7,380,000	\$12,681,056	\$29,212,350
\$8,260,000	\$12,091,725	\$29,210,725
\$9,190,000	\$11,500,225	\$29,208,225
\$10,160,000	\$10,907,225	\$29,211,225
\$11,170,000	\$10,313,180	\$29,209,180
\$12,220,000	\$9,718,180	\$29,211,875
\$13,310,000	\$9,123,180	\$29,207,081
\$14,440,000	\$8,528,180	\$29,211,875
\$15,610,000	\$7,933,180	\$29,207,081
\$16,820,000	\$7,338,180	\$29,211,875
\$18,070,000	\$6,743,180	\$29,207,081
\$19,360,000	\$6,148,180	\$29,211,875
\$20,690,000	\$5,553,180	\$29,207,081
\$22,060,000	\$4,958,180	\$29,211,875
\$23,470,000	\$4,363,180	\$29,207,081
\$24,920,000	\$3,768,180	\$29,211,875
\$26,410,000	\$3,173,180	\$29,207,081
\$27,940,000	\$2,578,180	\$29,211,875
\$29,510,000	\$1,983,180	\$29,207,081
\$31,120,000	\$1,388,180	\$29,211,875
\$32,770,000	\$793,180	\$29,207,081
\$34,460,000	\$198,180	\$29,211,875
\$36,190,000	\$603,180	\$29,207,081
\$37,960,000	\$208,180	\$29,211,875
\$39,770,000	\$813,180	\$29,207,081
\$41,620,000	\$418,180	\$29,211,875
\$43,510,000	\$23,180	\$29,207,081
\$45,440,000	\$482,081	\$29,211,875
\$369,553,000	\$213,767,458	\$582,342,458

Issue Name:	Issue Number:	Refinance:	Source:	Purpose(s):	Original Par:	Date:	PIRGICAL C/E:	Interest Due:	Interest Rate:	Maturity Date:	Insurance:	Call Provisions:
				Plaid Risk Management Fund	\$83,520,000	August 23, 2012	Annual: November	Semi-Annual: November/May	4.00% to 5.00%	November 1, 2032	None/Insured	(November 1, 2018 @ 100 (2639 & 2031 on November 1, 2022 @ 196)

OUTSTANDING:
CALLABLE:

NOTES:
TERM BONDS IN RED BOX

(1) City advanced \$441 in par to 7/2012



City of Detroit - Annual LTGO Exit (Remarketed) Debt Service Requirements

ISSUE NAME:	Financial Recovery Income Tax Revenue and Refunding Bonds, Series 2014-A
ISSUE NAME (2):	Exit Financing (Remarketed)
REPAYMENT	Income Taxes & Full faith and credit and resources of the City
SOURCE:	Income Taxes
PURPOSE(S):	Financial Recovery
ORIGINAL PAR:	\$134,725,000
DATED DATE:	September 1, 2015
PRINCIPAL DUE:	Annual: October
INTEREST DUE:	Semi Annual: October/April
INTEREST RATE:	3.40% to 4.50%
MATURITY DATE:	October 1, 2029
INSURANCE:	Noninsured
CALL PROVISIONS:	None

	Principal	Interest	Total
	-	\$3,401,479	\$3,401,479
	-	\$5,831,106	\$5,831,106
	-	\$5,831,106	\$5,831,106
	-	\$5,831,106	\$5,831,106
	-	\$5,831,106	\$5,831,106
	\$2,000,000	\$5,797,106	\$7,727,106
	\$2,000,000	\$5,653,106	\$7,653,106
	\$15,375,000	\$5,317,216	\$20,692,216
	\$16,285,000	\$4,693,625	\$20,978,625
	\$17,245,000	\$3,979,913	\$21,224,913
	\$18,265,000	\$3,180,938	\$21,445,938
	\$19,350,000	\$2,334,600	\$21,684,600
	\$20,495,000	\$1,438,088	\$21,933,088
	\$21,710,000	\$488,475	\$22,198,475
OUTSTANDING:	\$134,725,000	\$65,336,076	\$200,061,076

	Principal	Interest	Total
	-	\$2,959,046	\$2,959,046
	-	\$5,072,650	\$5,072,650
	-	\$5,072,650	\$5,072,650
	\$13,425,000	\$4,763,875	\$18,188,875
	\$23,605,000	\$3,912,185	\$27,517,185
	\$22,950,000	\$2,841,420	\$25,791,420
	\$24,390,000	\$1,752,600	\$26,142,600
	\$25,905,000	\$595,815	\$26,500,815
OUTSTANDING:	\$110,275,000	\$26,970,241	\$137,245,241

	Principal	Interest	Total
	-	\$6,360,524	\$6,360,524
	-	\$10,903,756	\$10,903,756
	-	\$10,903,756	\$10,903,756
	\$13,425,000	\$10,594,981	\$24,019,981
	\$23,605,000	\$9,743,291	\$33,348,291
	\$24,950,000	\$8,638,528	\$33,588,528
	\$26,390,000	\$7,479,706	\$33,869,706
	\$27,905,000	\$6,248,921	\$34,153,921
	\$15,375,000	\$5,317,216	\$20,692,216
	\$16,285,000	\$4,693,625	\$20,978,625
	\$17,245,000	\$3,979,913	\$21,224,913
	\$18,265,000	\$3,180,938	\$21,445,938
	\$19,350,000	\$2,334,600	\$21,684,600
	\$20,495,000	\$1,438,088	\$21,933,088
	\$21,710,000	\$488,475	\$22,198,475
OUTSTANDING:	\$245,000,000	\$92,306,316	\$337,306,316

OUTSTANDING:
CALLABLE:
NOTES:

City of Detroit - Annual LTGO B-Notes Debt Service Requirements

ISSUE NAME: ISSUE NAME (2): REPAYMENT SOURCE: PURPOSE(S): ORIGINAL PAR: DATED DATE: PRINCIPAL DUE: INTEREST DUE: INTEREST RATE: MATURITY DATE: INSURANCE: CALL PROVISIONS:	Financial Recovery Bonds, Series 2014-B(1) (Federally Taxable)				Financial Recovery Bonds, Series 2014-B(2) (Federally Taxable)				ALL			
	Principal	Interest	Total	None	Principal	Interest	Total	None	Principal	Interest	Total	None
B-Notes Full faith and credit and resources of the City Financial Recovery \$616,660,647 December 10, 2014 Annual: April Semi Annual: April/October 4.00% to 8.00% April 1, 2044 Noninsured None												
	\$24,662,402	\$24,662,402	\$24,662,402	-	\$308,082	\$308,082	\$308,082	-	-	\$24,970,484	\$24,970,484	-
	-	\$24,662,402	\$24,662,402	-	-	\$616,164	\$616,164	-	-	\$25,278,566	\$25,278,566	-
	-	\$24,662,402	\$24,662,402	-	-	\$616,164	\$616,164	-	-	\$25,278,566	\$25,278,566	-
	-	\$24,662,402	\$24,662,402	-	-	\$616,164	\$616,164	-	-	\$25,278,566	\$25,278,566	-
	-	\$24,662,402	\$24,662,402	-	-	\$616,164	\$616,164	-	-	\$25,278,566	\$25,278,566	-
	-	\$24,662,402	\$24,662,402	-	-	\$616,164	\$616,164	-	-	\$25,278,566	\$25,278,566	-
	-	\$24,662,402	\$24,662,402	-	-	\$616,164	\$616,164	-	-	\$25,278,566	\$25,278,566	-
	-	\$24,662,402	\$24,662,402	-	-	\$616,164	\$616,164	-	-	\$25,278,566	\$25,278,566	-
	\$30,828,003	\$24,429,282	\$55,490,405	\$770,205	\$616,164	\$616,164	\$616,164	\$770,205	\$31,598,208	\$25,014,637	\$56,878,774	\$31,598,208
	\$30,828,003	\$22,186,162	\$54,257,285	\$770,205	\$595,356	\$1,355,561	\$1,355,561	\$770,205	\$31,598,208	\$24,014,637	\$55,612,845	\$31,598,208
	\$30,828,003	\$20,963,042	\$53,024,165	\$770,205	\$554,548	\$1,324,753	\$1,324,753	\$770,205	\$31,598,208	\$22,760,709	\$54,348,917	\$31,598,208
	\$30,828,003	\$19,729,921	\$50,557,924	\$770,205	\$523,739	\$1,293,944	\$1,293,944	\$770,205	\$31,598,208	\$21,486,781	\$53,064,989	\$31,598,208
	\$30,828,003	\$18,498,801	\$49,324,804	\$770,205	\$492,931	\$1,263,136	\$1,263,136	\$770,205	\$31,598,208	\$20,222,853	\$51,821,061	\$31,598,208
	\$30,828,003	\$17,263,681	\$48,081,684	\$770,205	\$462,123	\$1,232,328	\$1,232,328	\$770,205	\$31,598,208	\$19,958,924	\$50,587,132	\$31,598,208
	\$30,828,003	\$16,030,561	\$46,858,564	\$770,205	\$431,315	\$1,201,520	\$1,201,520	\$770,205	\$31,598,208	\$17,694,996	\$49,293,204	\$31,598,208
	\$30,828,003	\$14,797,441	\$45,625,444	\$770,205	\$400,507	\$1,170,712	\$1,170,712	\$770,205	\$31,598,208	\$16,431,068	\$48,029,276	\$31,598,208
	\$30,828,003	\$13,564,321	\$44,392,324	\$770,205	\$369,698	\$1,139,903	\$1,139,903	\$770,205	\$31,598,208	\$15,167,139	\$46,765,347	\$31,598,208
	\$30,828,003	\$12,331,201	\$43,159,204	\$770,205	\$338,890	\$1,109,095	\$1,109,095	\$770,205	\$31,598,208	\$13,903,211	\$45,501,419	\$31,598,208
	\$30,828,003	\$11,098,081	\$41,926,084	\$770,205	\$308,082	\$1,078,287	\$1,078,287	\$770,205	\$31,598,208	\$12,639,303	\$44,237,510	\$31,598,208
	\$30,828,003	\$9,864,961	\$40,692,964	\$770,205	\$277,274	\$1,047,479	\$1,047,479	\$770,205	\$31,598,208	\$11,375,354	\$42,973,562	\$31,598,208
	\$30,828,003	\$8,631,841	\$39,459,844	\$770,205	\$246,466	\$1,016,671	\$1,016,671	\$770,205	\$31,598,208	\$10,111,406	\$41,709,614	\$31,598,208
	\$30,828,003	\$7,398,721	\$38,226,724	\$770,205	\$215,658	\$985,863	\$985,863	\$770,205	\$31,598,208	\$8,847,458	\$40,445,666	\$31,598,208
	\$30,828,003	\$6,165,601	\$37,000,604	\$770,205	\$184,849	\$955,054	\$955,054	\$770,205	\$31,598,208	\$7,582,510	\$39,181,777	\$31,598,208
	\$30,828,003	\$4,932,481	\$35,773,484	\$770,205	\$154,040	\$924,245	\$924,245	\$770,205	\$31,598,208	\$6,317,562	\$37,927,829	\$31,598,208
	\$30,828,003	\$3,699,361	\$34,546,364	\$770,205	\$123,231	\$893,436	\$893,436	\$770,205	\$31,598,208	\$5,052,614	\$36,673,881	\$31,598,208
	\$30,827,990	\$1,849,679	\$32,677,669	\$770,203	\$92,424	\$862,629	\$862,629	\$770,203	\$31,598,193	\$3,791,784	\$35,469,977	\$31,598,193
	\$616,660,647	\$514,827,632	\$1,131,307,679	\$15,404,096	\$12,864,339	\$27,958,437	\$27,958,437	\$15,404,096	\$631,964,145	\$527,381,971	\$1,159,346,116	\$631,964,145

OUTSTANDING:

CALLABLE:

NOTES:

City of Detroit - Annual LTGO C-Notes Debt Service Requirements

ISSUE NAME:	Financial Recovery Bonds, Series 2014-C
ISSUE NAME(2):	C-Notes
REPAYMENT	Parking Revenues & Full faith and credit of the City
SOURCE:	Parking Revenues
PURPOSE(S):	Financial Recovery
ORIGINAL PAR:	\$88,430,021
DATED DATE:	December 10, 2014
PRINCIPAL DUE:	Annual :June 30th
INTEREST DUE:	Annual :June 30th
INTEREST RATE:	5.00%
MATURITY DATE:	December 10, 2026
INSURANCE:	Noninsured
CALL PROVISIONS:	None
Fiscal Year Ending June 30,	
2016	\$5,709,977
2017	\$5,995,476
2018	\$6,295,250
2019	\$6,610,012
2020	\$6,940,513
2021	\$7,287,539
2022	\$7,651,916
2023	\$8,034,511
2024	\$8,436,237
2025	\$8,858,049
2026	\$9,300,951
2027	\$4,223,116
OUTSTANDING:	\$85,343,547

	Principal	Interest	Total
	\$5,709,977	\$4,267,177	\$9,977,154
	\$5,995,476	\$3,981,679	\$9,977,155
	\$6,295,250	\$3,681,905	\$9,977,155
	\$6,610,012	\$3,367,142	\$9,977,154
	\$6,940,513	\$3,036,642	\$9,977,155
	\$7,287,539	\$2,689,616	\$9,977,155
	\$7,651,916	\$2,325,239	\$9,977,155
	\$8,034,511	\$1,942,643	\$9,977,154
	\$8,436,237	\$1,540,918	\$9,977,155
	\$8,858,049	\$1,119,106	\$9,977,155
	\$9,300,951	\$676,203	\$9,977,154
	\$4,223,116	\$93,847	\$4,316,963
OUTSTANDING:	\$85,343,547	\$28,722,116	\$114,065,663

NOTES:

Final payment due December 10, 2026
Prepared for Financial Review Commission

City of Detroit - Annual HUD Notes Debt Service Requirements

ISSUE NAME: REPAYMENT SOURCE: PURPOSE(S): ORIGINAL DATE: DATE DATE: PRINCIPAL DUE: INTEREST DUE: INTEREST RATE: MATURITY DATE: INSURANCE: CALL PROVISIONS:	New American Project		Gurfield Project		Essexboro Project		Ferry St. Project		
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	
Fiscal Year Fund #0 2000-20									
2016		\$57,145				\$673		\$24,960	\$24,960
2017		\$114,290				\$673		\$42,751	\$362,751
2018	\$465,000	\$112,034				\$672		\$27,147	\$397,147
2019	\$1,000,000	\$103,129						\$0,356	\$414,356
2020	\$1,000,000	\$86,233							
2021	\$1,150,000	\$84,602							
2022	\$732,000	\$44,616							
2023	\$1,470,000	\$10,008							
2024									
2025									
2026									
2027									
2028									
2029									
2030									
2031									
2032									
2033									
2034									
2035									
2036									
2037									
2038									
2039									
2040									
2041									
2042									
2043									
2044									
OUTSTANDING:	\$5,927,000	\$699,056	\$-	\$-	\$1,343	\$1,343	\$1,093,000	\$104,214	\$1,199,214

NOTES:

City of Detroit - Annual HUD Notes Debt Service Requirements

ISSUE NAME:	
REPAYMENT SOURCE:	
PURPOSE(S):	
ORIGINAL PAR:	
DATED DATE:	
PRINCIPAL DUE:	
INTEREST DUE:	
INTEREST RATE:	
MATURITY DATE:	
NEGOTIATION:	
CALC. PROVISIONS:	

Mack-Chalmers Welcome Center			
HUD 198 Note			
Section 188 Loan Guaranty			
Block Grant Funds			
New Money	\$7,779,000		
Annual: August	September 14, 2006		
Semi Annual: August/February	5.75% to 5.75%		
August 1, 2024			
None			
	Principal	Interest	Total
	\$73,680	\$73,680	\$73,680
	\$140,716	\$140,716	\$440,716
	\$387,183	\$387,183	\$387,183
	\$373,299	\$373,299	\$373,299
	\$369,948	\$369,948	\$369,948
	\$383,878	\$383,878	\$383,878
	\$348,264	\$348,264	\$348,264
	\$240,000	\$240,000	\$240,000
	\$350,000	\$350,000	\$350,000
	\$360,000	\$360,000	\$360,000
	\$370,260	\$370,260	\$370,260
	\$7,630,000	\$787,764	\$8,417,764

Verner Linnside Project			
HUD 198 Note			
Section 188 Loan Guaranty			
Block Grant Funds			
New Money	\$4,000,000		
Annual: August	September 14, 2006		
Semi Annual: August/February	5.95% to 5.74%		
August 1, 2028			
None			
	Principal	Interest	Total
	-	\$24,590	\$24,590
	\$60,000	\$67,646	\$127,646
	\$70,000	\$84,258	\$154,258
	\$80,000	\$80,251	\$160,251
	\$90,000	\$55,647	\$145,647
	\$100,000	\$50,439	\$150,439
	\$110,000	\$44,342	\$154,342
	\$120,000	\$37,347	\$167,347
	\$130,000	\$29,732	\$169,732
	\$140,000	\$21,495	\$171,495
	\$300,000	\$6,610	\$306,610
	\$1,240,000	\$474,356	\$1,714,356

Book Cadillac Project			
HUD 198 Note 1			
Section 188 Loan Guaranty			
Block Grant Funds			
New Money	\$7,390,000		
Annual: August	September 14, 2006		
Semi Annual: August/February	5.85% to 5.77%		
August 1, 2028			
None			
	Principal	Interest	Total
	-	\$185,692	\$185,692
	\$426,000	\$360,500	\$786,500
	\$451,000	\$337,664	\$788,664
	\$477,000	\$312,051	\$789,051
	\$503,000	\$286,209	\$789,209
	\$534,000	\$257,816	\$791,816
	\$565,000	\$227,369	\$792,369
	\$633,000	\$185,111	\$818,111
	\$670,000	\$160,674	\$830,674
	\$710,000	\$123,665	\$833,665
	\$710,000	\$84,183	\$794,183
	\$1,000,000	-\$31,988	\$968,012
	\$5,665,000	\$2,563,763	\$8,228,763

Book Cadillac Project Note 2			
HUD 198 Note			
Section 188 Loan Guaranty			
Block Grant Funds			
New Money	\$19,700,000		
Annual: August	June 12, 2008		
Semi Annual: August/February	4.33% to 5.35%		
August 1, 2027			
None			
	Principal	Interest	Total
	-	\$214,169	\$214,169
	\$716,000	\$412,340	\$1,128,340
	\$716,000	\$379,077	\$1,095,077
	\$716,000	\$347,113	\$1,063,113
	\$716,000	\$313,130	\$1,029,130
	\$716,000	\$272,947	\$988,947
	\$716,000	\$242,111	\$958,111
	\$716,000	\$205,667	\$921,667
	\$716,000	\$168,721	\$884,721
	\$716,000	\$131,346	\$847,346
	\$716,000	\$93,577	\$809,577
	\$716,000	\$55,466	\$771,466
	\$676,000	\$18,164	\$694,164
	\$5,532,000	\$2,856,769	\$8,388,769

OUTSTANDING:

NOTE:

City of Detroit - Annual HUD Notes Debt Service Requirements

ISSUE NAME	Garfield II Project Note 1
REPAYMENT SOURCE	HUD 188 Note Section 188 Loan Guaranty Block Grant Funds
PURPOSE(S)	New Money
ORIGINAL PAR	\$8,833,000
DATE	June 12, 2008
PRINCIPAL DUE	Annual: August
INTEREST DUE	Semi Annual: August/February
INTEREST RATE	4.33% to 5.36%
MATURITY DATE	August 1, 2025
INSURANCE	None/Insured
CALL PROVISIONS	None

	Principal	Interest	Total
2016	-	\$157,707	\$157,707
2017	\$160,000	\$307,509	\$467,509
2018	\$400,000	\$290,325	\$690,325
2019	\$440,000	\$271,041	\$711,041
2020	\$400,000	\$249,186	\$649,186
2021	\$520,000	\$224,605	\$744,605
2022	\$420,000	\$196,054	\$616,054
2023	\$700,000	\$161,821	\$861,821
2024	\$950,000	\$123,222	\$1,073,222
2025	\$700,000	\$78,044	\$778,044
2026	\$1,002,000	\$26,553	\$1,028,553
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
2040	-	-	-
2041	-	-	-
2042	-	-	-
2043	-	-	-
2044	-	-	-
OUTSTANDING:	\$8,272,000	\$2,896,269	\$11,168,269

	Principal	Interest	Total
2016	-	\$54,171	\$54,171
2017	\$80,000	\$106,298	\$186,298
2018	\$90,000	\$101,069	\$191,069
2019	\$100,000	\$96,794	\$196,794
2020	\$110,000	\$91,108	\$201,108
2021	\$120,000	\$84,883	\$204,883
2022	\$130,000	\$77,876	\$207,876
2023	\$140,000	\$70,322	\$210,322
2024	\$150,000	\$62,143	\$212,143
2025	\$240,000	\$51,058	\$291,058
2026	\$220,000	\$38,034	\$258,034
2027	\$448,000	\$12,923	\$460,923
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
2040	-	-	-
2041	-	-	-
2042	-	-	-
2043	-	-	-
2044	-	-	-
OUTSTANDING:	\$1,828,800	\$644,396	\$2,473,196

	Principal	Interest	Total
2016	-	\$99,548	\$99,548
2017	\$160,000	\$199,093	\$359,093
2018	\$160,000	\$196,349	\$356,349
2019	\$164,000	\$193,747	\$357,747
2020	\$180,000	\$180,137	\$360,137
2021	\$200,000	\$165,806	\$365,806
2022	\$220,000	\$150,881	\$370,881
2023	\$230,000	\$134,946	\$364,946
2024	\$260,000	\$118,021	\$378,021
2025	\$400,000	\$98,416	\$498,416
2026	\$600,000	\$73,216	\$673,216
2027	\$800,000	\$48,016	\$848,016
2028	\$1,400,000	\$22,816	\$1,422,816
2029	\$1,792,000	\$30,033	\$1,822,033
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
2040	-	-	-
2041	-	-	-
2042	-	-	-
2043	-	-	-
2044	-	-	-
OUTSTANDING:	\$8,887,000	\$2,331,364	\$11,218,364

	Principal	Interest	Total
2016	-	\$15,747	\$15,747
2017	\$85,000	\$31,141	\$116,141
2018	\$85,000	\$30,393	\$115,393
2019	\$90,000	\$29,400	\$119,400
2020	\$90,000	\$27,955	\$117,955
2021	\$95,000	\$26,168	\$121,168
2022	\$95,000	\$24,112	\$119,112
2023	\$100,000	\$21,771	\$121,771
2024	\$100,000	\$19,146	\$119,146
2025	\$100,000	\$16,321	\$116,321
2026	\$100,000	\$13,421	\$113,421
2027	\$100,000	\$10,396	\$110,396
2028	\$100,000	\$7,271	\$107,271
2029	\$100,000	\$4,071	\$104,071
2030	\$73,000	\$1,223	\$74,223
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
2040	-	-	-
2041	-	-	-
2042	-	-	-
2043	-	-	-
2044	-	-	-
OUTSTANDING:	\$1,313,000	\$278,537	\$1,591,537

ISSUE NAME	Garfield II Project Note 4
REPAYMENT SOURCE	HUD 188 Note Section 188 Loan Guaranty Block Grant Funds
PURPOSE(S)	New Money
ORIGINAL PAR	\$4,897,000
DATE	May 28, 2015 (Refunding)
PRINCIPAL DUE	Annual: August
INTEREST DUE	Semi Annual: August/February
INTEREST RATE	2.5% to 3.36%
MATURITY DATE	August 1, 2029
INSURANCE	None/Insured
CALL PROVISIONS	None

City of Detroit - Annual HUD Notes Debt Service Requirements

ISSUE NAME	Fort Shelby Project
REPAYMENT SOURCE	HUD 198 Note Section 108 Loan Guaranty Block Grant Funds
PURPOSE(S)	New Money
ORIGINAL PAY DATE	June 12, 2008
PRINCIPAL DUE	Annual: August Semi Annual: August/February
INTEREST RATE	4.33% to 5.34%
MATURITY DATE	August 1, 2028
INSURANCE	Noninsured
CALL PROVISIONS	None
Fiscal Year Ending June 30	

Year	Principal	Interest	Total
2018	-	\$396,583	\$396,583
2019	\$1,000,000	\$770,725	\$1,770,725
2020	\$1,000,000	\$725,525	\$1,725,525
2021	\$1,250,000	\$673,050	\$1,923,050
2022	\$1,250,000	\$614,536	\$1,864,536
2023	\$1,250,000	\$553,100	\$1,803,100
2024	\$1,500,000	\$484,225	\$1,984,225
2025	\$1,500,000	\$407,875	\$1,907,875
2026	\$1,500,000	\$330,475	\$1,830,475
2027	\$2,000,000	\$252,175	\$1,752,175
2028	\$2,000,000	\$159,400	\$2,159,400
2029	\$2,000,000	\$53,400	\$2,053,400
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
2040	-	-	-
2041	-	-	-
2042	-	-	-
2043	-	-	-
2044	-	-	-
OUTSTANDING:	\$15,750,000	\$9,422,250	\$25,172,250

Year	Principal	Interest	Total
2018	\$2,050,000	\$165,360	\$2,215,360
2019	\$1,100,000	\$284,800	\$1,384,800
2020	\$1,150,000	\$213,800	\$1,363,800
2021	\$1,200,000	\$182,155	\$1,382,155
2022	\$1,250,000	\$106,370	\$1,356,370
2023	\$300,000	\$46,150	\$346,150
2024	-	\$7,575	\$7,575
2025	-	-	-
2026	-	-	-
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
2040	-	-	-
2041	-	-	-
2042	-	-	-
2043	-	-	-
2044	-	-	-
OUTSTANDING:	\$7,050,000	\$946,210	\$7,996,210

Year	Principal	Interest	Total
2018	\$10,000	\$127,912	\$137,912
2019	\$78,000	\$255,802	\$333,802
2020	\$106,000	\$254,453	\$360,453
2021	\$120,000	\$251,894	\$371,894
2022	\$148,000	\$248,060	\$396,060
2023	\$170,000	\$243,542	\$413,542
2024	\$200,000	\$237,833	\$437,833
2025	\$300,000	\$230,833	\$530,833
2026	\$400,000	\$221,108	\$621,108
2027	\$650,000	\$207,153	\$857,153
2028	\$1,100,000	\$185,678	\$1,285,678
2029	\$1,360,000	\$149,093	\$1,509,093
2030	\$1,557,000	\$98,834	\$1,655,834
2031	-	\$33,865	\$33,865
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
2040	-	-	-
2041	-	-	-
2042	-	-	-
2043	-	-	-
2044	-	-	-
OUTSTANDING:	\$8,197,000	\$7,437,738	\$15,634,738

City of Detroit - Annual HUD Notes Debt Service Requirements

ISSUE NAME	REPAYMENT SOURCE	PURPOSE	ORIGINAL PAR.	DATED DATE	PRINCIPAL DUE	INTEREST DUE	INTEREST RATE	MATURITY DATE	INSURANCE	CALL PROVISIONS	
Woodward Garden Project 3	HUD 184 Note	Section 188 Loan Guaranty	Bloch Grant Funds	New Money	\$6,753,000	May 28, 2018 (Rebonding)	Annual: August Semi Annual: August/February	3.5% to 3.65%	August 1, 2031	None	
ALL											
Year	Principal	Interest	Total	Year	Principal	Interest	Total	Year	Principal	Interest	Total
2016	\$242,000	\$77,591	\$319,591	2026	\$5,839,000	\$1,085,605	\$6,924,605	2036	\$5,839,000	\$1,085,605	\$6,924,605
2017	\$254,000	\$154,178	\$408,178	2027	\$5,517,000	\$3,248,350	\$8,765,350	2037	\$5,517,000	\$3,248,350	\$8,765,350
2018	\$267,000	\$151,993	\$418,993	2028	\$6,591,000	\$3,814,970	\$10,405,970	2038	\$6,591,000	\$3,814,970	\$10,405,970
2019	\$281,000	\$149,836	\$430,836	2029	\$6,348,000	\$2,778,539	\$9,126,539	2039	\$6,348,000	\$2,778,539	\$9,126,539
2020	\$295,057	\$144,818	\$439,875	2030	\$6,648,000	\$2,515,838	\$9,163,838	2040	\$6,648,000	\$2,515,838	\$9,163,838
2021	\$310,000	\$139,057	\$449,057	2031	\$6,738,000	\$2,242,242	\$8,980,242	2041	\$6,738,000	\$2,242,242	\$8,980,242
2022	\$325,000	\$132,494	\$457,494	2032	\$6,459,000	\$1,972,877	\$8,431,877	2042	\$6,459,000	\$1,972,877	\$8,431,877
2023	\$342,000	\$124,870	\$466,870	2033	\$6,459,000	\$1,785,325	\$8,244,325	2043	\$6,459,000	\$1,785,325	\$8,244,325
2024	\$359,000	\$116,181	\$475,181	2034	\$6,251,000	\$1,538,975	\$7,790,975	2044	\$6,251,000	\$1,538,975	\$7,790,975
2025	\$377,000	\$108,197	\$485,197	2035	\$6,575,000	\$1,360,795	\$7,935,795				
2026	\$394,000	\$99,521	\$493,521	2036	\$6,460,000	\$1,240,245	\$7,700,245				
2027	\$417,000	\$93,822	\$510,822	2037	\$3,483,000	\$1,145,145	\$4,628,145				
2028	\$438,000	\$71,118	\$509,118	2038	\$2,328,000	\$1,182,182	\$3,510,182				
2029	\$460,000	\$57,431	\$517,431	2039	\$483,000	\$76,451	\$559,451				
2030	\$483,000	\$42,609	\$525,609	2040	\$507,000	\$0	\$507,000				
2031	\$483,000	\$28,451	\$511,451								
2032	\$507,000	\$0	\$507,000								
2033											
2034											
2035											
2036											
2037											
2038											
2039											
2040											
2041											
2042											
2043											
2044											
TOTAL	\$5,753,000	\$1,602,805	\$7,355,805	TOTAL	\$77,149,000	\$23,766,238	\$100,915,238	TOTAL	\$1,085,605	\$3,248,350	\$4,333,955

OUTSTANDING:

NOTE:

City of Detroit - Annual Lease Debt Service Requirements

DESCRIPTION:
REPAYMENT SOURCE:
PURPOSE(S):
ORIGINAL PAR:
DATED DATE:
DUE:
MATURITY DATE:
INSURANCE:
CALL PROVISIONS:
Fiscal Year Ending
June 30,
2016
2017

IBM Lease		
Full faith and credit and resources of the City		
Computer system improvements		
\$4,918,642		
November 20, 2012		
1st of each month		
December 1, 2016		
Noninsured		
None		
Principal	Interest	Total
\$0	\$0	\$0
\$0	\$0	\$0
-	-	-

OUTSTANDING:

NOTES:
IMB Lease paid off early September 2015

CITY OF DETROIT CONTRACT SUBMISSION TO FINANCIAL REVIEW COMMISSION
THE FOLLOWING CONTRACTS ARE BEING SENT TO THE FRC FOR REVIEW AND APPROVAL PURSUANT TO
SECTION 6, SUBSECTION 6 OF THE MICHIGAN FINANCIAL REVIEW COMMISSION ACT
For November 23, 2015 Meeting

Prepared By: Boysie Jackson, Chief Procurement Officer - 11/19/2015

City Council and Water Board Approvals Through November 18, 2015

	Department	Contract Number	Description	Competitively Bid	Lowest Bid	City Council Approval Date	Office of the Chief Financial Officer Approval Date	Comments
CONTRACTS GREATER THAN \$750K								
1	DBA, FIRE, ITS and POLICE	2832588	Contract Amount: \$2,000,000.00 (Increase of Funds Only) Contract Period: 10/1/2015 through 6/30/2016 Source: 100% City Funding Purpose: To Provide Operational Expenses - Contract of Lease for DPSH Contractor: Detroit Building Authority Location: 1301 Third Street, Suite 328, Detroit, MI 48226	Inter-Governmental Agreement	Inter-Governmental Agreement	11/17/2015	11/23/2015	Contract is to pay for City Departments Residing in Public Safety Headquarters. This contract is for increase of funds only. Original contract amount is \$67,770,000.00
2	FINANCE and LAW	2884516	Contract Amount: \$4,539,294.87 (Extension of Time Only) Contract Period: 1/1/2016 through 12/31/2016 Source: 100% City Funding (Restructuring) Purpose: To Provide Consulting Services for Claims Management Reconciliations and Other Services Contractor: Kurtzman Carson Consultants LLC Location: 2335 Alaska Avenue, El Segundo, CA 90245	Extension of EM Approved Contract	Extension of EM Approved Contract	N/A	11/23/2015	No increase in contract dollars. Wind-down of work on claims working with Law and Finance Department
3	FINANCE	2895089	Contract Amount: \$3,730,300.00 (Increase of Funds and Extension of Time) Contract Period: 10/1/2015 through 6/30/2016 Source: 100% QOL Funding Purpose: To Provide Data Cleaning Staff Augmentation and Inventory Reconciliation Support for OCFO Contractor: Pierce, Monroe Associates, Inc. Location: 535 Griswold, Ste 2200, Detroit, MI 48226	EM Order 41	EM Order 41	N/A	11/23/2015	Wind-Down of Services for OCFO. Contractor also supports HR, Income Tax, Treasury and Financial Activities
4	FINANCE	2916755	Contract Amount: \$3,783,910.00 (Extension of Time Only) Contract Period: January 1, 2016 through December 31, 2016 Source: 100% City Funding Purpose: To Provide Cash Management and Related Analyses and Reporting Contractor: Ernst & Young U.S. LLP Location: 777 Woodward Avenue, Detroit, MI 48226	EM Order 41	EM Order 41	N/A	11/23/2015	Contract is to wind-down E&Y's efforts. Work will be absorbed by the Office of the CFO
5	HEALTH AND WELLNESS	2898252	Contract Amount: \$6,977,111.00 (Increase of Funds and Extension of Time) Contract Period: 10/1/15 through 9/30/16 Source: 100% State Funding Purpose: To Provide Fiduciary Services for Administration and Contract Management Contractor: Southeastern Michigan Health Association Location: 3011 West Grand Blvd., 200 Fisher Building, Detroit, MI 48202	Fiduciary Agreement	Fiduciary Agreement	11/17/2015	11/23/2015	Total Contract Amount: \$11,605,660.00. This Amendment #3 is for increase of funds and extension of time. Original amount is \$4,628,549.00 and original contract period is October 1, 2014 through September 30, 2015

	Department	Contract Number	Description	Competitively Bid	Lowest Bid	City Council Approval Date	Office of the Chief Financial Officer Approval Date	Comments
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CONTRACTS GREATER THAN \$750K -- continued

6	HOUSING AND REVITALIZATION	2911480	Contract Amount: \$1,050,000.00 (New) Contract Period: Upon FRC Approval through 6/30/2017 Source: 100% Federal Funding Purpose: To Provide Construction Management Services for the City of Detroit's Planning and Development (HRD) Department Contractor: GS Group LLC Location: 17800 Woodward Avenue, Suite 200, Detroit, MI 48203	Yes	Yes	10/13/15	11/23/2015	Contract services to include inspections to determine building hazards, lead-based paint issues and perform risk assessments
7	HOUSING AND REVITALIZATION	2915140	Contract Amount: \$867,000.00 Contract Period: 7/1/2015 through 6/30/2016 Source: 100% City Funding Purpose: To Provide Professional Services to Private Companies and Organizations to Assist them in Locating/Relocating in the City of Detroit and Create/Retain Jobs to the Low and Moderate Income People of the City of Detroit Contractor: Detroit Economic Growth Corporation Location: 500 Griswold, Suite 2200, Detroit, MI 48226	Inter-Governmental Agreement	Inter-Governmental Agreement	11/17/15	11/23/2015	
8	HUMAN RESOURCES	2877416	Contract Amount: \$1,413,688.66 (Increase of Funds and Extension of Time) Contract Period: 7/1/2015 through 6/30/2016 Source: 100% City Funding Source: To Provide Temporary Staffing Personnel to the City of Detroit Contractor: Computech Corporation Location: 101 W. Kirby St., Detroit, MI 48202	Exercising Renewal Option	Exercising Renewal Option	11/3/2015	11/23/2015	Original amount \$2,700,562.67, Total Contract Amount is \$4,114,251.33 and original contract date is April 9, 2013 through June 30, 2015. Majority of Employees will be reduced through OCFO Restructuring, HR Restructuring and DDOT Paratransit Call Center Transition Q1 2016
9	HUMAN RESOURCES	2877420	Contract Amount: \$2,990,217.50 (Increase of Funds and Extension of Time) Contract Period: Upon FRC Approval through 6/30/2016 Source: 100% City Funding Purpose: To Provide Temporary Staffing Personnel to the City of Detroit Contractor: FutureNet Group Location: 12801 Auburn St., Detroit, MI 48223	Exercising Renewal Option	Exercising Renewal Option	11/3/2015	11/23/2015	Original amount \$2,802,011.10, Total Contract Amount is \$5,792,228.60. Original contract period is April 9, 2013 through June 30, 2015.
10	HUMAN RESOURCES	2877577	Contract Amount: \$627,572.56 (Increase of Funds and Extension of Time) Contract Period: Upon FRC Approval through 6/30/2016 Source: 100% City Funding Purpose: To Provide Temporary Staffing Personnel to the City of Detroit Contractor: Premier Staffing Source, Inc. Location: 4640 Forbes Blvd., Suite 200 A, Lanham, MD 20706	Exercising Renewal Option	Exercising Renewal Option	11/3/2015	11/23/2015	Original Contract Amount \$1,685,000.00, Total Contract Amount is \$2,312,572.56. Original contract period is April 9, 2013 through June 30, 2015.
11	IT	2901822	Contract Amount: \$4,961,800.00 (Increase of Funds) (Continuation of ERP Support) Contract Period: 12/8/2014 through 12/31/2019 Source: 100% QOL Funding Purpose: To Provide Implementation of the Oracle Cloud Enterprise Resource Planning (Cloud ERP) System Contractor: Applications Software Technology Location: 1755 Park Street, Suite 100, Naperville, IL 60563	EM Order 39	EM Order 39	N/A	11/23/2015	ERP Implementation targeted for March Go Live. Timing includes configuration changes for DWSD-R; Extension of Core Financial Module; Extension of Advanced Procurement and Extension of Projects and Grant Module
12	IT	2916757	Contract Amount: \$1,784,000.00 (Continuation of ERP Support) Contract Period: January 4, 2016 through July 11, 2016 Source: 100% QOL Funding Purpose: To Provide Support to the Oracle Cloud ERP Project Contractor: Ernst & Young U.S. LLP Location: 777 Woodward Avenue, Detroit, MI 48226	EM Order 39	EM Order 39	N/A	11/23/2015	ERP Implementation targeted for March Go Live. Additional months includes DWSD-R. Original services were based on Fast Track Services

	Department	Contract Number	Description	Competitively Bid	Lowest Bid	City Council Approval Date	Office of the Chief Financial Officer Approval Date	Comments
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CONTRACTS GREATER THAN \$750K -- continued

13	LAW	2870456	Contract Amount: \$1,200,000.00 (Increase of Funds and Extension of Time) Contract Period: 1/1/2016 through 12/30/2016 Source: 100% City Funding (Restructuring) Purpose: To Provide Legal Advice and Litigation Representation Pertaining to Implementing the City's Obligations under the Bankruptcy Plan Contractor: Miller Canfield, Paddock and Stone, PLC Location: 150 West Jefferson, Ste 2500, Detroit, MI 48226	No	No	N/A	11/23/2015	Continuation of services and Wind-Down of Bankruptcy related matters. Original contract amount is \$9,250,522.26 and original contract date is January 1, 2015 through December 31, 2015
14	LAW	2883547	Contract Amount: \$750,000.00 (Extension of Time Only) Contract Period: 7/22/2013 through 6/30/2016 Source: 100% City Funding (Restructuring) Purpose: To Provide Legal Services: Represent the City of Detroit to Reconcile Bankruptcy Claims Contractor: Foley & Lardner, LLP Location: 500 Woodward, Ste 2700, Detroit, MI 48226	Extension of EM Approved Contract	Extension of EM Approved Contract	N/A	11/23/2015	Contract is to Wind-Down services for Trade Claims. Amendment No. 2.
15	POLICE	2876966	Contract Amount: \$3,503,527.00 (Increase of Funds Only) Contract Period: 6/5/2013 through 6/5/2016 Source: 100% City Funding Purpose: To Provide 911 Back Up/Telephone Crime Reporting Unit at the New Detroit Public Safety Headquarters Building Contractor: Detroit Building Authority Location: 1301 Third Street, Suite 328, Detroit, MI 48226	Inter-Governmental Agreement	Inter-Governmental Agreement	10/13/15	11/3/2015	Multi-Phase Project. Program cost paying next phase. The original amount is \$3,000,000.00. Total Amount of Contract is \$6,503,527.00
16	POLICE	2915543	Contract Amount: \$7,300,000.00 (New) Contract Period: Upon FRC Approval through 12/31/2018 Source: 100% City Funding Purpose: To Provide Contract of Lease for the Capital Improvements for the Detroit Police Department's 8th Precinct Project, including Construction of a new 26,000 Square Foot Eighth Police Precinct to be located at 21555, 21511 and 21541 West McNichols Rd., Detroit, MI 48219 Adjacent to the new Meijer Grocer Store Contractor: Detroit Building Authority Location: 1301 Third Street, Suite 328, Detroit, MI 48226	Inter-Governmental Agreement	Inter-Governmental Agreement	11/10/15	11/23/2015	Renovation Project for existing facility. Plan to hire Architect upon FRC approval of contract
17	PUBLIC WORKS	2902711	Contract Amount: \$6,185,076.85 (New) Contract Period: Upon FRC Approval through 12/31/2017 Source: 72% Street, 28% DWSD Funding Purpose: To Provide 6968 Bituminous Resurfacing of Class C Streets and Green Infrastructure IMP Contractor: Fort Wayne Contracting, Inc. Location: 320 E. Seven Mile Road, Detroit, MI 48203	Yes	Yes	11/3/2015	11/23/2015	
18	PUBLIC WORKS	2913192	Contract Amount: \$5,169,999.44 (New) Contract Period: Upon FRC Approval through 12/31/2017 Source: 100% Street Funding Purpose: To Provide PW-6973 HMA Resurfacing on W. Chicago, Plymouth, Wyoming, Meyers and Cadioux Contractor: Cadillac Asphalt LLC Location: 2575 Haggerty Road, Suite 100, Canton, MI 48188	Yes	Yes	11/3/2015	11/23/2015	

	Department	Contract Number	Description	Competitively Bid	Lowest Bid	City Council Approval Date	Office of the Chief Financial Officer Approval Date	Comments
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CONTRACTS GREATER THAN \$750K -- continued

19	PUBLIC WORKS	2913394	Contract Amount: \$5,728,460.37 (New) Contract Period: Upon FRC Approval through 12/31/2017 Source: 80% Street, 20% DWSD Funding Purpose: To Provide PW-6974 HMA Resurfacing and Water Installation on Livernois Contractor: Fort Wayne Contracting, Inc./Ajax Paving Industries, Inc., a Joint Venture Location: 320 E. Seven Mile Road, Detroit, MI 48203	Yes	Yes	11/17/2015	11/23/2015	
20	RISK MANAGEMENT	2905160	Contract Amount: \$1,341,820.43 (New) Contract Period: Upon FRC Approval through 10/31/2018 Source: 100% City Funding Purpose: To Provide a Citywide Long-Term Disability Insurance Policy Contractor: Standard Insurance Company Location: 900 SW Fifth Avenue, Portland, OR	Yes	Yes	11/17/2015	11/23/2015	
21	TRANSPORTATION	2849015	Contract Amount: \$4,067,619.00 (Increase of Funds and Extension of Time) Contract Period: 3/13/2016 through 6/30/2016 Source: 100% City Funding Purpose: To Provide Transit Police Services (People Mover) for the Department of Transportation Contractor: Detroit Transportation Corporation Location: 535 Griswold, Suite 400, Detroit, MI 48226	Inter-Governmental Agreement	Inter-Governmental Agreement	11/17/2015	11/23/2015	City reimburses actual expenses to DTC to keep operations going. Provides Guards on Buses and Rosa Park Transit Center. The original amount is \$2,329,775.00 and original contract date is March 13, 2011 through March 12, 2016. Total Contract Amount: \$6,397,394.00

CONTRACTS GREATER THAN 2 YEARS

22	CITYWIDE	2904960	Contract Amount: \$252,000.00 (Increase of Funds Only) Contract Period: 4/20/15 through 3/31/18 Source: 100% City Funding Purpose: To Provide a Contract Increase for the Police for Department Wide Moving Contractor: BDM Transport, LLC Location: 719 Griswold Street, Suite 820-126, Detroit, MI 48226	Yes	Yes	10/6/2015	11/3/2015	This Amendment #1 is for Increase of Funds Only. The original amount is \$704,000.00.
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WITH 1 ENTITY, WITHIN 1 YEAR, GREATER THAN \$750K

23	FINANCE	2874390	Contract Amount: \$0.00 (No Dollars Added) Contract Period: 12/31/2015 through 6/30/2016 Source: 100% City Funding (Restructuring) Purpose: To Wind-Down Current Approved Work Streams and Transition Responsibilities to City of Detroit Contractor: Conway Mackenzie, Inc. Location: 401 South Old Woodward Avenue, Suite 340, Birmingham, MI 48009	EM Orders 38 and 41	EM Orders 38 and 41	N/A	11/23/2015	Total contract from January 9, 2013 is \$6,408,000
24	FINANCE	2909162	Contract Amount: \$545,000.00 (New) Contract Period: Upon FRC Approval through 6/30/2016 Source: 100% City Funding Purpose: To Provide to the City of Detroit an updated and Comprehensive Capital Asset Physical Inventory and Appraisal for the Oracle Fusion Conversion Contractor: Assetworks LLC Location: 168 Industry Drive, Pittsburgh, PA 15275	Yes	Yes	10/27/15	11/23/2015	Different Contract #2654324 for \$5,908,830.82, approved by FRC on 8/24/15

	Department	Contract Number	Description	Competitively Bid	Lowest Bid	City Council Approval Date	Office of the Chief Financial Officer Approval Date	Comments
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WITH 1 ENTITY, WITHIN 1 YEAR, GREATER THAN \$750K -- continued

25	IT	2916756	Contract Amount: \$520,500.00 (Continuation of Services) Contract Period: 1/1/2016 through 3/30/2016 Source: 100% QOL Funding Purpose: To Provide the City with HR Technology Advisory Services Contractor: Ernst & Young U.S. LLP Location: 777 Woodward Avenue, Detroit, MI 48226	EM Order 39	EM Order 39	N/A	11/23/2015	Wind-Down of HR Technology Services
26	LAW	2848583	Contract Amount: \$115,000.00 Contract Period: November 1, 2014 through June 30, 2015 Source: 100% City Funding Purpose: To Provide PLD with Consulting Services in Implementing a Surcharge to Recover Actual Costs it was Paying DTE, due to PLD Selling Electricity to its Customers for Less than it was Paying DTE to Buy the Electricity. Contractor: Ernst & Young U.S. LLP Location: 777 Woodward Avenue, Detroit, MI 48226	No	No	N/A	11/23/2015	Contract for Anticipated Litigation support.
27	PUBLIC WORKS	2877508	Contract Amount: \$86,031.00 (Increase of Funds) Contract Period: Upon FRC Approval through 6/30/2017 Source: 100% State Funding Purpose: Amendment to Cobo Hall-Congress Streetscape Enhancement Project Contractor: Downtown Development Authority Location: 500 Griswold St., Suite 2200, Detroit, MI 48226	Inter-Governmental Agreement	Inter-Governmental Agreement	11/17/2015	11/23/2015	This Amendment #1 is for increase of funds only. The original amount is \$2,539,200.00. Total contract amount is \$2,625,231.00. Wind-Down of Services.
28	PUBLIC WORKS	2911000	Contract Amount: \$257,600.00 (New) Contract Period: One Time Purpose Source: 100% Street Funding Purpose: To Provide Eight (8) Vehicles to Public Works Department Contractor: Jorgensen Ford Sales Location: 8333 Michigan, Detroit, MI 48210	Yes	Yes	11/3/2015	11/23/2015	Different Contract #2913660 for \$1,014,862.74 was approved by FRC on 10/26/15
29	PUBLIC WORKS	2914345	Contract Amount: \$187,100.00 (New) Contract Period: One Time Purchase Source: 100% Street Funding Purpose: To Furnish Four (4) F-350 One-Ton Pick-up Trucks with Snow Plow and Salt Spreader for Snow Removal Activity Contractor: Jorgensen Ford Sales, Inc. Location: 8333 Michigan Avenue, Detroit, MI 48210	Yes	Yes	10/20/15	11/23/2015	Different Contract #2913660 for \$1,014,862.74 was approved by FRC on 10/26/15

	Department	Contract Number	Description	Competitively Bid	Lowest Bid	City Council Approval Date	Office of the Chief Financial Officer Approval Date	Comments
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DEPARTMENT OF WATER AND SEWAGE CONTRACTS

CONTRACTS GREATER THAN \$750,000.00

30	Water and Sewerage	2790766 Replacement (RFP# 50817)	<p>Contract Amount Not to Exceed: \$5,699,330.00 [\$2,849,665.00 Annually] Contract Period: 12/30/15 - 12/30/17 Source: 100% Operating Budget (Operations & Maintenance) Purpose: Furnish Labor, Materials, Tools, Equipment, Maintenance & Repair for All Electrical Switchgear, Power Transformers & Related Accessories for All DWSD Water Booster Stations, Water Treatment Plants & Storm Water/Sewage Pumping Stations for Two (2) Years With Two (2) - One (1) Year Renewal Options Contractor: Motor City Electric Co (Dale Wieczorek, CEO & President) Location: 9440 Grinnell, Detroit, MI 48213</p>	Yes	Yes	N/A; below \$2 mil/yr approval requirement for contracts relative to Goods & Services	Approved 11/18/15 BOWC	Competitive bid of existing contract pursuant to Financial Review Commission (FRC) recommendation following 5/18/15 approval to exercise one (1) year renewal option at \$1,320,000 through 3/31/16 with incumbent, Motor City Electric, awarded total contract (6-yr) amount not to exceed \$10,461,992.50; External resource necessary to perform repair & maintenance of high voltage motors and accompanying switchgears, breakers & starters services due to inadequate DWSD staffing to perform "specialized" maintenance or troubleshooting on larger sized transformers and related switchgears & breakers.
31	Water and Sewerage	2874004 (DWS-885 Chg Order# 1)	<p>Contract Amount Not to Exceed: \$6,169,337.67 [\$1,800,000 Increase] Initial Contract Period: 3/1/13 - 2/29/16 [New Expiration: 2/19/17] Source: 100% Operating Budget (Capital Improvement) Purpose: Provision & Installation of Low Voltage Wiring on an "As-Needed" Basis to Address Critical, Emergency & Routine Repairs Across DWSD Infrastructure & Operations Incl. 110 Volt Wiring, Telephone Wiring, Data Connections, Emergency Electrical & Instrument Repairs on Water & Sewer Metering Sites, Network Connections to Remote Sites, Instrument & Network Wiring, Uninterrupted Power Supply, Telco Batteries, Speaker, Paging & Code Call Systems Contractor: Detroit Electrical Services LLC/Labelle JV (Gloria Rhodes, DES Owner; Chris Labelle, Labelle Electric Services President) Location: 1551 Rosa Parks Blvd, Detroit, MI 48216</p>	Not Required; Existing contract amendment	Not Required; Existing contract amendment	N/A; below \$5 mil/yr approval requirement for contracts relative to Construction	Approval 10/28/15 BOWC	99% of initial award expended as of Sept 2015 which is insufficient to complete ongoing tasks incl. repair/replacement of fiber ends, installation of new fibers, communication, network & phone cables typically required to support staff relocations, control system infrastructure improvements, lighting & HVAC repairs, telecommunication network troubleshooting, emergency infrastructure replacement on the bill metering systems & other assigned tasks based on project schedule, transition of infrastructure & services to Great Lakes Water Authority (GLWA) and network infrastructure changes required for AT&T Switched Ethernet Platform; Replacement for DWS-866 (typically incl. 400+ task orders) to streamline processing & reduce leadtimes associated with separate orders.
32	Water and Sewerage	2885194 (PC-793 Chg Order# 1)	<p>Contract Amount Not to Exceed: \$27,099,000.00 [\$5,300,000 Increase] Contract Period: 3/3/14 - 3/2/17 Source: 100% Operating Budget (Capital Improvement) Purpose: Installation & Maintenance Services Incl. Replacement of Ventura Meters with Magnetic Meters at Fifteen (15) Meter Locations at North Oakland County Water Authority, Farmington Hills & Commerce Township for Direct Data Connection, Installation of Automatic Meter Reading (AMR) Equipment at Remaining Retail Water Customers and Field Repair Work at Wholesale Meter Locations Incl. Meter Replacement, Gate Valve Replacement & Repair and Sump Discharge Repair Contractor: Lakeshore Global Corporation (Avinash Rachmale, President & CEO) Location: 7310 Woodward Avenue Suite 500, Detroit, MI 48202</p>	Not Required; Existing contract amendment	Not Required; Existing contract amendment	N/A; below \$5 mil/yr approval requirement for contracts relative to Construction	Approved 11/18/15 BOWC	Initial award replacement for #PC-779; Initial scope of work consisted of "As-Needed" skilled trade assistance and specialized sub-contractual maintenance services at various water treatment plants, water booster stations, sewage pumping stations & related facilities due to lack of adequate in-house expertise to perform & expedite such services; additional services required to support Meter Operations with upgrade to magnetic meters at Wholesale Water Customers who elect to access direct meter signal from the wholesale water meter and contribute fifty (50%) percent toward meter replacement cost as well as install AMRs at remaining Retail Water Customers in which approx. 10,200 AMR installations have been completed to date (initiated under #CM-2007)

	Department	Contract Number	Description	Competitively Bid	Lowest Bid	City Council Approval Date	Office of the Chief Financial Officer Approval Date	Comments
33	Water and Sewerage	2906292 (Amend #1)	<p>Contract Amount Not to Exceed: \$2,611,855.04 Annually [\$1,245,000.00 increase] Contract Period: 3/23/15 - 3/22/17 Source: 100% Operating Budget (Capital Improvement) Purpose: Installation of Approx. 518 Breakaway (incl. Bottom "Shoe" Fitting) & 322 Conversion Hydrants to Replace Inoperable Hydrants Identified in Inspections Conducted by Detroit Fire Dept. from July-September 2015 Contractor: EJ USA Inc. (Frederick Malpass, President) Location: 301 Spring Street PO Box 439, East Jordan, MI 49727</p>	Not Required; Existing contract amendment	Not Required; Existing contract amendment	N/A; below \$2 mil/yr approval requirement for contracts relative to Goods & Services	Approved 11/18/15 BOWC	93% of initial award expended as of Oct 2015 which is insufficient to complete repair or replacement of remaining inoperable or defective hydrants prior to extreme weather season: Two (2) types of hydrants include #516193 Breakaway Hydrant (incl. bottom "shoe" fitting) @ \$1,135/each and #517088 5"6" Conversion Hydrant @ \$1,612/each; FRC approval previously issued on (1) 7/27/15 for BPO# 291130 not to exceed \$1,636,927.36 (\$818,463.63 Annually) from 8/1/15-7/30/17 for approx. 11,326 of various hydrant parts to repair standard & breakaway fire hydrants and (2) 3/23/15 for BPO# 2876342 not to exceed \$1,366,855.04 (\$683,427.52 Annually) from 4/1/15-4/1/17 for replacement of approx. 30,000 Breakaway Fire Hydrants & Catch Basins.
34	Water and Sewerage	PO Pending (LH-397)	<p>Contract Amount Not to Exceed: \$922,337.41 [incl. \$150,000 Provisional Allowance] Contract Period: 11/30/15 - 1/25/17 Source: 100% Operating Budget (Capital Improvement) Purpose: Construction of Plant-Wide Improvements to Concrete Structures at Lake Huron Water Treatment Plant for a Duration of 420 Calendar Days Contractor: Toolles Contracting Group LLC (Damon Toolles, President) Location: 500 Griswold Suite 1620, Detroit, MI 48226</p>	Yes	Yes	N/A; below \$5 mil/yr approval requirement for contracts relative to Construction	Approved 11/18/15 BOWC	Six (6) bid submissions resulted from solicitation to three hundred sixty-five (365) firms via Michigan Inter-Governmental Trade Network (MITN); structural concrete improvements & repair of waterproofing for the settling basin are necessary to mitigate degradation of concrete & structural steel and extend the useful life; FRC approval previously issued on 5/18/15 for CPO# 2909059 (SCP-PC-010) not to exceed \$937,466.64 from 5/29/15-12/20/16 to provide replacement of air distribution equipment for Grit & Screening facilities at Pump Station 2 at Wastewater Treatment Plant.

CONTRACTS GREATER THAN OR EQUAL TO 2 YEARS

35	Water and Sewerage	2903436 Replacement (RFP# 50925)	<p>Contract Amount Not to Exceed: \$710,850.00 [\$355,425.00 Annually] Contract Period: 11/30/15 - 11/30/17 Source: 100% Operating Fund (Operations & Maintenance) Purpose: Furnish Snow Removal & De-Icing Services on Parking Areas, Sidewalks, Driveways & Roads at Twenty-Four (24) DWSD Facilities Throughout Southeast Michigan for Duration of Two (2) Years With Two (2) - One (1) Year Renewal Options Contractor: Premier Group & Associates LC (Andrew Housey, President & COO) Location: 535 Griswold #1400, Detroit, MI 48226</p>	Yes	Yes	N/A; below \$2 mil/yr approval requirement for contracts relative to Goods & Services	Approved 11/18/15 BOWC	Six (6) bid submissions resulted from solicitation to two hundred thirty-six (236) firms via MITN; Services incl. removal of snow from all roadways, driveways, parking areas, rolling gate areas and walkways incl. pedestrian & roll-up or swing doorways at all DWSD facilities after every snowfall that merits snow removal utilizing snow plows, shovels and/or snow blowers due to lack of sufficient dedicated DWSD staff to perform snow removal; FRC approval previously issued on 7/27/15 for BPO#2911106 not to exceed \$1,313,613.33 from 8/1/15 7/30/17 to provide grounds services for seventy-two (72) DWSD facilities throughout southeast Michigan.
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	Department	Contract Number	Description	Competitively Bid	Lowest Bid	City Council Approval Date	Office of the Chief Financial Officer Approval Date	Comments
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CONTRACTS GREATER THAN OR EQUAL TO 2 YEARS -- continued

36	Water and Sewerage	PO Pending (RFP# 50925))	<p>Contract Amount Not to Exceed: \$1,159,890.00 [\$579,945.00 Annually] Contract Period: 11/30/15 - 11/30/17 Source: 100% Operating Fund (Operations & Maintenance) Purpose: Furnish Snow Removal & De-Icing Services on Parking Areas, Sidewalks, Driveways & Roads at Thirty-Two (32) DWSD Facilities Throughout Southeast Michigan for Duration of Two (2) Years With Two (2) - One (1) Year Renewal Options Contractor: Lakeshore Global Corporation (Avinash Rachmale, President & CEO) Location: 7310 Woodward Avenue Suite 500, Detroit, MI 48226</p>	Yes	Second Lowest (Dual Award)	N/A; below \$2 mil/yr approval requirement for contracts relative to Goods & Services	Approved 11/18/15 BOWC	Refer to above-mentioned comments; FRC approval previously issued on 4/27/15 for CPO# 2903748 (DWS-889) not to exceed \$2,087,920.00 from 5/1/15-5/1/16 for inspection & open cut repair of failed sewers and rehabilitation/repair of existing sewers at East Yard on "As-Needed" basis, however, DWSD issued notification on 3/17/15 for failure to fulfill scope of work and Lakeshore subsequently relinquished award on 4/28/15; FRC approval previously issued on 3/23/15 for CPO# (DWS-891) not to exceed \$ 1,849,500.00 from 4/1/15-7/1/16 for replacement of five (5) pressure reducing valve (PRV) stations.
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WITH 1 ENTITY, WITHIN 1 YEAR, GREATER THAN \$750K

			No Contracts Submitted for this Category					
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STATE OF MICHIGAN
DEPARTMENT OF TREASURY

RICK SNYDER
GOVERNOR

NICK A. KHOURI
STATE TREASURER

DATE: November 19, 2015

TO: FRC Finance and ERP Subcommittee members

FROM: Ronald L. Rose, Executive Director
Steven C. Watson, Senior Analyst
Financial Review Commission

SUBJECT: FRC November 2015 Contracts Review

The City is requesting 36 contract approvals at the November 23, 2015 FRC Meeting. The following is a summary of the requests, which reflects the discussion from the FRC Contracts Subcommittee call on November 17, 2015. Since the call, the City has revised its submission to include 5 additional contracts compared to the original (DBA DPSH lease, Pierce Monroe, Southeastern Michigan Health Association, DEGC, Conway MacKenzie). The City also pulled 2 contracts from the original list (LaGarda Security, Keo and Associates). The complete revised listing and supporting materials are attached.

The 36 contract requests include 14 new contracts and 22 changes to existing contracts. Of the 14 new ones, the City competitively bid 12 of them, and the remaining 2 are inter-governmental agreements. One of those agreements is with the Detroit Building Authority (DBA) to build out the Police Department's new Eighth Precinct. The DBA competitively bids the sub-contracts for this work and posts its contracts online. The other is the City's annual agreement with the Detroit Economic Growth Corporation to fund its activities from the subsidy included in the City budget.

The 22 contract changes were not competitively re-bid. However, 15 of them represent time and/or cost increases necessary to complete a specific project (e.g., the ERP system as discussed further below) or to phase out a limited non-recurring service (e.g., bankruptcy and restructuring professional services). In these instances, it would not be practical to spend the time re-bidding the contract and potentially transitioning to a new vendor when the work is winding down or will be transferred to City staff in the near term (e.g., under the OCFO restructuring). The remaining 7 contract changes are for recurring service needs, which were not competitively re-bid at this time, and are discussed below:

- Citywide Temporary Staffing (3): The City requests extending its 3 temporary staffing contracts through June 30, 2016. Over half of the City's temporary staff are covering activities expected to transition to new staff or new contracts once certain operational restructurings are completed during FY16. By the end of FY16, the City will know its new temporary staffing needs and plans to re-bid its general temporary staffing contracts by that time.
- DWSD Fire Hydrants: This contract increase allows DWSD to purchase additional fire hydrants, which cannot be re-bid because the hydrants that are compatible with the City's infrastructure are sole source. DWSD has identified additional inoperable hydrants that must be replaced.
- DDOT Transit Police Services: The Detroit Transportation Corporation (DTC) employs sworn transit police officers for the People Mover. DDOT has an inter-governmental agreement with DTC to provide transit police for DDOT buses and transit centers too rather than DDOT building

its own transit police force or diverting DPD officers. This agreement is subject to periodic renewal and service-level changes. For example, DDOT increased its number of transit police during FY15. This change continues the agreement through the end of FY16.

- Lease of Detroit Public Safety Headquarter (DPSH): The City has an inter-governmental agreement with the DBA for its lease of DPSH. This annual expense reimburses DBA for the cost of operating the building. This change covers the cost of maintaining vacant space sold to the Michigan State Police for a forensics lab until they take occupancy in FY17.
- Health and Wellness Fiduciary Agreement: The City has an agreement, subject to periodic renewal, with the Southeastern Michigan Health Association to administer various grant-funded health programs on behalf of the City. This change extends the agreement for another year through September 30, 2016.

Of the 22 changes to existing contracts, 4 are related to the Enterprise Resource Planning (ERP) system implementation. The City is requesting increases in connection with its revised system rollout schedule and the integration of DWSD into the system. A substantial share of the cost is the DWSD integration, which DWSD will ultimately fund. Note that the original ERP contracts were not competitively bid. Instead, the City used a “fast-track” vendor evaluation and procurement process, which was further discussed when the City briefed the FRC on its ERP project in December 2014. The ERP contract changes this month include:

- Applications Software Technology (AST) – Cloud ERP (financial system) implementer
- Ernst & Young – project management support for Cloud ERP
- Ernst & Young – project management support for UltiPro (human resources system)
- Pierce Monroe – data cleansing and inventory reconciliation services

In summary, the City’s November 2015 contract requests reflect continued efforts and plans to competitively bid for ongoing City needs (with exceptions for inter-governmental providers in unique circumstances) and reasonable requests to extend contracts with limited terms intended to complete open projects and phase out non-recurring service needs. To aid in monitoring the phase out of such non-recurring needs, the Contracts Subcommittee requested the City prepare a master list of all major active restructuring consultant contracts and their expected end dates.

RLR/SCW

Attachment: Revised FRC November 2015 contract listing and supporting documents



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Executive Summary

City of Detroit Detroit Water and Sewerage Department Sewage Disposal System Revenue Bonds, Series 2015C

Participation in the State of Michigan – State Revolving Fund Program

Background on the Detroit Water and Sewerage Department:

The Detroit Water and Sewerage Department (“DWSD”) is a department of the City of Detroit which is established under the City Charter. DWSD operates both a water supply system and a sewage disposal system (the “Systems”), and provides services to the residents of Detroit and to a substantial area outside the City. DWSD is governed by a seven-member board known as the Board of Water Commissioners (“BOWC”), which meets monthly.

During the pendency of the Detroit’s bankruptcy, the City, DWSD and the Counties of Macomb, Oakland and Wayne engaged in extensive negotiations regarding the potential formation of a regional authority, which would absorb several functions of DWSD. On October 10, 2014, the City and the Counties formally approved the formation of the Great Lakes Water Authority (“GLWA”), and the Authority has been formally incorporated. The GLWA held its first official board meeting on December 12, 2014. The GLWA board is comprised of six members: two from the City of Detroit, and one each from Wayne, Oakland and Macomb counties, and one representing the State of Michigan. The Memorandum of Understanding to form the GLWA contemplates a lease by the City of the Systems to GLWA, and assumption by GLWA of all bonded indebtedness of the City related to the Systems, provided that the City is expected to retain control of the City retail system (“DWSD-R”). The GLWA and the City adopted Leases of the Systems on June 12, 2015, which become effect on a date (the “Effective Date”) when certain preconditions have been met.

GLWA, the City, DWSD and the Counties are targeting an Effective Date of January 1, 2016. Additional information on the GLWA is available on its website: <http://glwater.org>.

Financial Review Commission (FRC) Action Item:

DWSD is requesting that the FRC approve the issuance of up to Twenty-Five Million Dollars (\$25,000,000) in bonds to implement a State Revolving Fund (SRF) program financing to fund necessary capital improvement projects. Issuance of these bonds was approved by the BOWC on October 28, 2015 and approval by the Michigan Department of Treasury is expected on or before November 23, 2015. More detail on this request is below:

DWSD is regulated in part by a National Pollutant Discharge Elimination System (“NPDES”) permit program and related Administrative Consent Order (“ACO”), with oversight by the Michigan Department of Environmental Quality (“DEQ”). The current ACO requires DWSD to implement sewer system corrective measures to provide reliable capacity needed to process and dispose of biosolids, and mandates a timetable for completing the required remedial measures.

A major component of DWSD’s sewer system Capital Improvement Plan is a “biosolids dryer facility” project, which will allow DWSD to take its current aging incinerator facilities off-line, and simultaneously improve solids handling operations and maintenance expense by over \$15 million annually. This biosolids dryer facility is expected to be the largest of its kind in North America, and is also a major component of DWSD’s plan to maintain regulatory compliance with new federal air pollution control regulations, which become effective in March of 2016. Construction of the biosolids dryer facility and related incinerator improvements is underway, and the contractor is currently months ahead of schedule.

DWSD finances capital improvement projects through the issuance of sewer revenue bonds, which are payable solely from applicable sewer revenues, and not from general funds of the City of Detroit. The City does *not* pledge its full faith and credit to DWSD bonds, and DWSD Funds are maintained separately from the City’s General Fund under Section 7-1203 of the Detroit City Charter.

The State of Michigan, through the Michigan Finance Authority and DEQ, has implemented a State Revolving Fund (“SRF”) program, which allows for the financing of qualifying projects at below-market interest rates. In September 2014, DWSD issued \$123 million in revenue bonds for general sewer capital improvements and **\$27.4 million** in revenue bonds for SRF- ineligible costs of the biosolids dryer project, at an interest rate of **5.0%**. In March 2015, DWSD issued **\$81 million** in revenue bonds for eligible costs of the biosolids dryer project and **\$33.03 million** for eligible costs of related incinerator improvements; both at **2.5%**, affording significant savings to DWSD and its customers. DWSD contemplates a third tranche of financing for the biosolids project in the amount of **\$20.4 million** (up to \$25 million as referenced above) in revenue bonds in December 2015 for eligible costs at the biosolids dryer project. A portion of the project also qualifies for principal forgiveness through the Environmental Protection Agency Green Project Reserve.

Issuance of these bonds is expected in December 2015 to keep the biosolids project on track. It is anticipated that these bonds, like all other bonds related to the Systems, will be assumed by GLWA on the Effective Date.