SUBJECT: Approval to Execute Option Year One of Contract No.

WAS-10-074-AD-MB, Tessada & Associates

# #12-00 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("the Authority"), at the Board meeting held on January 5, 2012 upon consideration of a joint use matter decided by a vote of eleven (11) in favor and none (0) oppose to execute Option Year One of Contract No. WAS-10-074-AD-MB, Tessada & Associates.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year One of Contract No. WAS-10-074-AD-MB, Tessada & Associates. The purpose of the option is to provide IT professional services to DC Water. The option amount is \$663,408.

This resolution is effective immediately.

SUBJECT: Approval to Execute Option Year One of Contract No. WAS-10-074-AF-MB, Peak Technology Solutions, Inc.

# #12-01 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("the Authority"), at the Board meeting held on January 5, 2012 upon consideration of a joint use matter decided by a vote of eleven (11) in favor and none (0) oppose to execute Option Year One of Contract No. WAS-10-074-AF-MB, Peak Technology Solutions, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year One of Contract No. WAS-10-074-AF-MB, Peak Technology Solutions, Inc. The purpose of the option is to provide IT Professional Services to DC Water. The option amount is \$803,355.

This resolution is effective immediately.

Secretary to the Board of Directors

**SUBJECT: Approval to Execute Option Year One of Contract No.** 

WAS-10-074-AE-MB, Namtra Business Solution

# #12-02 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("the Authority"), at the Board meeting held on January 5, 2012 upon consideration of a joint use matter decided by a vote of eleven (11) in favor and none (0) oppose to execute Option Year One of Contract No. WAS-10-074-AE-MB, Namtra Business Solution.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year One of Contract No. WAS-10-074-AE-MB, Namtra Business Solution. The purpose of the option is to provide IT Professional Services to DC Water. The option amount is \$880,156.

This resolution is effective immediately.

SUBJECT: Approval to Execute Option Year One of Contract No. WAS-10-074-AB-MB, Advanced Digital Systems

# #12-03 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("the Authority"), at the Board meeting held on January 5, 2012 upon consideration of a joint use matter decided by a vote of eleven (11) in favor and none (0) oppose to execute Option Year One of Contract No. WAS-10-074-AB-MB, Advanced Digital Systems.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year One of Contract No. WAS-10-074-AB-MB, Advanced Digital Systems. The purpose of the option is to provide IT Professional Services to DC Water. The option amount is \$522,592.

This resolution is effective immediately.

SUBJECT: Approval to Execute Option Year Two of Contract No. WAS-09-064-AA-RE, PVS Chemical Solutions Inc.

## #12-04 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("the Authority"), at the Board meeting held on January 5, 2012 upon consideration of a joint use matter decided by a vote of eleven (11) in favor and none (0) oppose to execute Option Year Two of Contract No. WAS-09-064-AA-RE, PVS Chemical Solutions Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year Two of Contract No. WAS-09-064-AA-RE, PVS Chemical Solutions Inc. The purpose of the option is to provide sodium bisulfate to the Blue Plains Wastewater Treatment Plant for dechlorination. The option amount is \$518,643.

This resolution is effective immediately.

SUBJECT: Approval to Execute Supplemental Agreement No. 02 of Contract No. DCFA #423, Black & Veatch Corporation

# #12-05 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("the Authority"), at the Board meeting held on January 5, 2012 upon consideration of a joint use matter decided by a vote of eleven (11) in favor and none (0) oppose to execute Supplemental Agreement No. 2 of Contract No. DCFA #423, Black & Veatch Corporation.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Supplemental Agreement No. 2 of Contract No. DCFA #423, Black & Veatch Corporation. The purpose of the supplemental agreement is to prepare construction bid documents and provide bid phase and design engineering assistance during construction. The supplemental agreement amount is \$6,725,000.

This resolution is effective immediately.

Secretary to the Board of Directors

SUBJECT: Approval to Execute Contract No. DCFA-445, O'Brien and

Gere, LLC

# #12-06 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("the Authority"), at the Board meeting held on January 5, 2012 upon consideration of a joint use matter decided by a vote of eleven (11) in favor and none (0) oppose to execute Contract No. DCFA-445, O'Brien and Gere, LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. DCFA-445, O'Brien and Gere, LLC. The purpose of the contract is to provide architectural and engineering services to DC Water. The contract amount is \$3,200,000.

This resolution is effective immediately.

Secretary to the Board of Directors

Presented and Adopted: January 5, 2012
SUBJECT: Intent to Reimburse Capital Expenditures with Proceeds
of a Borrowing

#12-07
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority (the "Authority"), at the Board meeting held on January 5, 2012, upon consideration of a joint-use matter, decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action.

**WHEREAS**, the District of Columbia Water and Sewer Authority (the "Borrower") intends to acquire, construct and equip the items and projects set forth in Exhibit A hereto (collectively, the "Projects"); and

**WHEREAS**, plans for the Projects have advanced and the Borrower expects to advance its own funds to pay expenditures related to the Projects (the "Expenditures") prior to incurring indebtedness and to receive reimbursement for such Expenditures from proceeds of tax-exempt bonds or notes or taxable debt, or both.

## NOW THEREFORE BE IT RESOLVED THAT:

- 1. The Borrower intends to utilize the proceeds of tax-exempt bonds, taxable bonds or notes (the "Bonds") or other debt in an amount not currently expected to exceed \$380,000,000 to pay costs of the Projects. These costs include amounts heretofore unreimbursed pursuant to Resolution 10-06 of the Board adopted on January 7, 2010, plus amounts projected to be reimbursed during Fiscal Year 2012 and through January 2013.
- 2. The Borrower intends that the proceeds of the Bonds be used to reimburse the Borrower for Expenditures with respect to the Projects made on or after the date that is 60 days prior to the date of this Resolution. The Borrower reasonably expects on the date hereof that it will reimburse the Expenditures with the proceeds of the Bonds or other debt.
- 3. Each Expenditure was or will be, unless otherwise supported by the opinion of bond counsel, either (a) of a type properly chargeable to a capital account under general federal income tax principles (determined in each case as of the date of the Expenditure), (b) a cost of issuance with respect to the Bonds, (c) a nonrecurring item that is not customarily payable from current revenues, or (d) a

grant to a party that is not related to or an agent of the Borrower so long as such grant does not impose any obligation or condition (directly or indirectly) to repay any amount to or for the benefit of the Borrower.

- 4. The Borrower intends to make a reimbursement allocation, which is a written allocation by the Borrower that evidences the Borrower's use of proceeds of the Bonds to reimburse an Expenditure, no later than 18 months after the later of the date on which the Expenditure is paid or the Project is placed in service or abandoned, but in no event more than three years after the date on which the Expenditure is paid. The Borrower recognizes that exceptions are available for certain "preliminary expenditures," costs of issuance, certain de minimis amounts, expenditures by "small issuers" and expenditures for any construction, the completion of which is expected to require at least five years.
- 5. The Borrower intends that the adoption of this resolution confirm the "official intent" within the meaning of Treasury Regulations Section 1.150-2 promulgated under the Internal Revenue Code of 1986, as amended.

This resolution shall take effect immediately.

## **EXHIBIT A — LIST OF PROJECTS**

Blue Plains Advanced Wastewater Treatment Plant Rehabilitation
Blue Plains Enhanced Nitrogen Removal Facilities
Blue Plains New Digestion Facilities
Sanitary Sewer System Improvement Projects
Combined Sewer System Improvement Projects
Stormwater Sewer System Improvement Projects
Water Pumping, Distribution and Storage Projects
Metering and Capital Equipment
Washington Aqueduct Projects
Combined Sewer Overflow/Long Term Control Plan (aka Clean Rivers Project)

SUBJECT: Approval of Fiscal Year 2011-2020 Ten Year Financial

Plan

## #12-08 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("DC Water") at its meeting held on January 5, 2012 upon consideration of a joint-use matter decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to the Fiscal Year 2011 – 2020 Financial Plan.

WHEREAS, prudent utility financial management requires a long-term financial plan that integrates common elements of the ten-year capital improvement program, future capital financing plans, projected operating and maintenance budgets, revenue requirements and projected rate increases to support long-term capital and operating needs; and

**WHEREAS**, the Board in Resolutions 09-86 and 11-10 has adopted a series of financial policies in the areas of capital financing, long-term financial planning, and rate-setting to assure the short-term and long-term financial health of the Authority; and

WHEREAS, adherence to these financial policies has allowed the DC Water to receive strong bond ratings that will reduce debt service costs over the ten-year planning period; and

**WHEREAS**, consistent with the Board policies, the General Manager has prepared a ten-year financial plan in conjunction with the proposed FY 2013 operating and capital budgets; and

**WHEREAS**, at the December meetings of the DC Retail Water and Sewer Rates Committee and Finance and Budget Committee, an updated proposed ten year financial plan was reviewed and discussed; and

**WHEREAS**, the revised ten-year financial plan is based on assumptions detailed in the proposed Fiscal Year 2013 Operating and Capital Budgets; and

**WHEREAS**, the ten-year financial plan is consistent with projections appearing in the attached Schedules A, B, C and D of this resolution; and

**WHEREAS,** on December 22, 2011 and December 23, 2011, the Finance and Budget Committee and DC Retail Water and Sewer Rates Committee met and recommended that the Board adopt a ten-year financial plan as recommended by the General Manager.

## NOW THEREFORE BE IT RESOLVED THAT:

1. The Board hereby accepts and approves the proposed Fiscal Year 2011-2020 Financial Plan that is supported by the attached Schedules A, B, C and D and the proposed Fiscal Year 2013 Operating and Capital Budgets.

This resolution is effective immediately.

Secretary to the Board of Directors

### DISTRICT OF COLUMBIA WATER & SEWER AUTHORITY FY 2011 - 2020 FINANCIAL PLAN (In 000's)

OPERATING	FY 2011		FY 2012		FY 2013	 FY 2014	FY 2015	FY 2016	 FY 2017	FY 2018	 FY 2019	FY 2020
Retail*	300,599		324.549		354.672	388.824	420.300	450,482	482,549	505.885	532,324	557,097
Wholesale*	69,261		74,361		77,446	72,521	67,091	69,008	70,929	72,955	75,036	77,810
Other	24,614		21,006		21,531	24,429	27,870	31,135	70,929 33,154	72,955 34,296	35,168	35,933
RSF	9,500		6,500		6,500	24,429	2,950	4,000	5,000	2,000	35,100	2,000
Operating Receipts (1)	\$ 403,974	\$		\$		\$ 485,774	\$ 518,211	\$ 554,625	\$ 591,632	\$ 	\$ 642,528	\$ 
Operating Expenses	(269,804)		(299,130)		(310,692)	(309,473)	(304,762)	(314,230)	(323,932)	(333,578)	(343,392)	(356,362)
Debt Service	\$ (91,888)	<u>\$</u>	(100,776)	<u>\$</u>	(127,627)	\$ (150,387)	\$ <u>(184,431</u> )	\$ (207,532)	\$ (227,674)	\$ (238,925)	\$ (248,375)	\$ (265,764)
Net Revenues After Debt Service	\$ 42,282	\$	26,511	\$	21,830	\$ 25,914	\$ 29,018	\$ 32,862	\$ 40,026	\$ 42,633	\$ 50,762	\$ 50,714
Operating Reserve-Beg Balance	131,996		150,035		125,500	125,500	125,500	125,500	125,500	125,500	125,500	125,500
Other Misc (Disbursements)/Receipts Wholesale/Federal True Up Transfers To RSF Transfers To DC PILOT Fund	(2,192) (9,500) (10,000)		(6,250) (12,250)		(8,105)	(2,791)	-	-	-	-	-	-
Pay-Go Financing	( <u>2,551</u> )		( <u>32,546</u> )		( <u>13,725</u> )	( <u>23,123</u> )	(29,018)	(32,862)	(40,026)	( <u>42,633</u> )	( <u>50,762</u> )	( <u>50,714</u> )
Operating Reserve - Ending Balance	\$ 150,035	\$	125,500	\$	125,500	\$ 125,500	\$ 125,500	\$ 125,500	\$ 125,500	\$ 125,500	\$ 125,500	\$ 125,500
Rate Stabilization Fund Balance RSF (2)	\$ (16,700)	\$	(22,450)	\$	(15,950)	\$ (15,950)	\$ (13,000)	\$ (9,000)	\$ (4,000)	\$ (2,000)	\$ (2,000)	\$ -
Senior Debt Service Coverage	321%		278%		232%	220%	201%	189%	183%	178%	177%	174%
Combined Debt Service Coverage	145%		130%		130%	132%	130%	129%	131%	131%	133%	131%
Proposed Water/Sewer Rate Increases	12.5%		4.5%		6.5%	5.0%	6.5%	6.5%	6.5%	4.5%	4.0%	4.5%
Operating Receipts \$ Increase/Decrease*												
Retail	38,366		23,950		30,123	34,152	31,475	30,182	32,066	23,336	26,439	24,773
Wholesale	1,790		5,100		3,086	(4,926)	(5,429)	1,916	1,921	2,025	2,081	2,774
Operating Receipts % Increase/Decrease*												
Retail	14.6%		8.0%		9.3%	9.6%	8.1%	7.2%	7.1%	4.8%	5.2%	4.7%
Wholesale	2.7%		7.4%		4.1%	-6.4%	-7.5%	2.9%	2.8%	2.9%	2.9%	3.7%
(1) Includes interest earnings on senior lien revenue to (2) FY 2011 Rate Stabilization Fund utilization brough				on								

## DISTRICT OF COLUMBIA WATER & SEWER AUTHORITY FY 2011 - 2020 Capital Improvement Plan

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
BEGINNING BALANCE	\$ 7,432,539	\$ 132,634,951	\$ 173,746,631	\$ 36,671,280	\$ 35,867,510	\$ 2,365,813	\$ 3,109,281	\$ 2,971,650	\$ 1,898,077	\$ 1,633,791	\$ 398,331,522
SOURCES OF FUNDS:											
Proceeds from Rev. Bonds	\$ 211,722,441	300,000,000	\$ 200,000,000	\$ 250,000,000	\$ 236,581,290	\$ 248,742,461	\$ 237,731,998	\$ 151,846,141	\$ 130,703,243	\$ 162,622,693	\$ 2,129,950,267
Proceeds from Treasury Notes/Digesters Financing Opt	75,000,000	-	-		-	-		-	-	•	\$ 75,000,000
Capital Equipment Financing (for 5 yrs @ 3.25%)	6,000,000	8,184,000	12,279,200	12,272,800	9,907,200	7,338,400	-	_	_	_	\$ 55,981,600
Transfer from Operations	2,551,148	32,546,261	13,725,004	23,123,430	29,018,000	32,862,326	40,025,720	42.633.209	50,761,680	50.713.516	\$ 317,960,295
EPA Grants /DC Reimbursement	16,009,163	25,455,000	34,423,000	40,914,000	22,500,000	16,500,000	16,500,000	16,500,000	16,500,000	16,500,000	\$ 221,801,163
CSO Grants	28,258,996	31,332,000	30,000,000	-		· · · -	· ' <u>-</u>		_	-	\$ 89,590,996
Wholesale Customer Capital Contributions	82,005,363	175,242,000	237,897,000	141,354,000	84,098,000	75,834,000	65,020,000	27,191,000	14,538,000	7,992,000	\$ 911,171,363
Interest Income	1,033,301	93,419	301,445	1,875,000	2,365,813	3,109,281	2,971,650	1,898,077	1,633,791	2.032.784	\$ 17,314,561
Total Sources	\$ 422,580,412	\$ 572,852,680	\$ 528,625,649	\$ 469,539,230	\$ 384,470,303	\$ 384,386,468	\$ 362,249,368	\$ 240,068,427	\$ 214,136,714	\$ 239,860,993	\$ 3,818,770,245
USES OF FUNDS:	-	-	-	-	-	-	-	<u> </u>	. , , , , , , , , , , , , , , , , , , ,	,	'\$ -
Water Projects	\$ 44,114,000	\$ 51,585,000	\$ 57,646,000	\$ 65,488,000	\$ 55,477,000	\$ 54,916,000	\$ 60,187,000	\$ 63,131,000	\$ 52,840,000	\$ 61,783,000	\$ 567,167,000
Blue Plains Projects	125,879,000	275,845,000	378,648,000	209,313,000	110,798,000	104,080,000	95,922,000	42,224,000	16,822,000	4,350,000	\$ 1,363,881,000
Sanitary Sewer Projects	24,494,000	39,922,000	45,381,000	56,779,000	64,335,000	44,567,000	41,286,000	55,928,000	44,419,000	40,110,000	\$ 457,221,000
Combined Sewer	36,457,000	16,094,000	12,165,000	19,652,000	18,038,000	19,668,000	13,623,000	11,731,000	12,289,000	14,581,000	\$ 174,298,000
Combined Sewer LTCP	41,415,000	115,922,000	139,856,000	92,106,000	145,168,000	137,874,000	128,311,000	45,449,000	66,256,000	98,040,000	\$ 1,010,397,000
Stormwater Projects	2,160,000	2,775,000	4,276,000	2,545,000	801,000	775,000	737,000	810,000	900,000	506,000	\$ 16,285,000
Washington Aqueduct Division Projects	9,490,000	11,373,000	10,598,000	10,744,000	11,016,000	11,280,000	11,588,000	10,891,000	10,323,000	9,842,000	\$ 107,145,000
Capital Equipment	10,585,000	15,349,000	15,341,000	12,384,000	9,173,000	7,278,000	7,348,000	7,648,000	6,778,000	6,778,000	
Meter Replacement / AMR	2,784,000	2,876,000	1,790,000	1,332,000	3,166,000	3,205,000	3,385,000	3,330,000	3,774,000	3,472,000	
Reimbursement for Prior Capital Expend.											, , , ,
Total Uses	\$ 297,378,000	\$ 531,741,000	\$ 665,701,000	\$ 470,343,000	\$ 417,972,000	\$ 383,643,000	\$ 362,387,000	\$ 241,142,000	\$ 214,401,000	\$ 239,462,000	\$ 3,824,170,000
SOURCES MINUS USES	125,202,412	41,111,680	(137,075,351)	(803,770)	(33,501,697)	743,468	(137,632)	(1,073,573)	(264,286)	398,993	(5,399,755)
ENDING BALANCE	\$ 132,634,951	\$ 173,746,631	\$ 36,671,280	\$ 35,867,510	\$ 2,365,813	\$ 3,109,281	\$ 2,971,650	\$ 1,898,077	\$ 1,633,791	\$ 2,032,784	\$ 392,931,767

## District of Columbia Water & Sewer Authority FY 2011 - 2020 Projected Average Residential Monthly Bill

	Units	F١	2011	F۱	Y 2012	F	Y 2013	F	Y 2014	F	Y 2015	F١	2016	F	Y 2017	F	Y 2018	F	Y 2019	F۱	2020
DC Water Retail Rates (1)	Ccf	\$	46.09	\$	48.17	\$	51.31	\$	53.85	\$	57.33	\$	61.08	\$	65.09	\$	68.04	\$	70.71	\$	73.86
DC Water Clean Rivers IAC	ERU		3.45		6.64		9.73		14.52		17.66		20.33		23.19		25.49		28.75		31.17
DC Water Customer Metering Fee			3.86		3.86		3.86		3.86		3.86		3.86		3.86		3.86		3.86		3.86
Subtotal DC Water Rates & Charges		\$	53.40	\$	58.67	\$	64.90	\$	72.23	\$	78.85	\$	85.27	\$	92.14	\$	97.39	\$	103.32	\$	108.89
Percent Increase in DC Water Portion of Bill			18.3%	F*	9.9%		10.6%		11.3%		9.2%	7	8.1%		8.1%		5.7%		6.1%		5.4%
District of Columbia PILOT (1)	Ccf	\$	3.28	\$	3.28	\$	3.48	\$	3.68	\$	3.95	\$	4.21	\$	4.48	\$	4.68	\$	4.88	\$	5.08
District of Columbia Right of Way Fee (1)	Ccf		0.94		1.00		1.07		1.14		1.20		1.27		1.34		1.40		1.47		1.54
District of Columbia PILOT/ROW Fee			4.22		4.28		4.55		4.82		5.15		5.48		5.82		6.08		6.35		6.62
District of Columbia Stormwater Fee (2)	ERU		2.67	,	2.67		2.67		2.67		2.67		2.67		2.67		2.67		2.67		2.67
Subtotal District of Columbia Charges		\$	6.89	\$	6.95	\$	7.22	\$	7.49	\$	7.82	\$	8.15	\$	8.49	\$	8.75	\$	9.02	\$	9.29
								P					F	7					F		
Total Amount Appearing on DC Water Bill		\$	60.29	\$	65.62	\$	72.12	\$	79.72	\$	86.67	\$	93.42	\$	100.63	\$	106.14	\$	112.34	\$	118.18
Increase / Decrease Over Prior Year		\$	8.76	\$	5.33	\$	6.50	\$	7.60	\$	6.95	\$	6.75	\$	7.21	\$	5.51	\$	6.20	\$	5.84
Percent Increase in Total Bill			17.0%		8.8%		9.9%		10.5%		8.7%		7.8%		7.7%		5.5%		5.8%		5.2%

<sup>(1)</sup> Assumes average monthly consumption of 6.69 Ccf, or (5,004 gallons)

<sup>(2)</sup> District Department of Environment stormwater fee of \$2.67 effective November 1, 2010

## District of Columbia Water & Sewer Authority FY 2011 - 2013 Projected Retail Rates and Fee Changes

	Units	FY	2011	 FY 2012	roposed Y 2013
DC Water Retail Rates Water	Ccf	\$	3.10	\$ 3.24	\$ 3.45
DC Water Retail Rates Sewer	Ccf	\$	3.79	\$ 3.96	\$ 4.22
DC Water Clean Rivers IAC	ERU	\$	3.45	\$ 6.64	\$ 9.73
DC Water Customer Metering Fee		\$	3.86	\$ 3.86	\$ 3.86
District of Columbia PILOT Fee	Ccf	\$	0.49	\$ 0.49	\$ 0.52
District of Columbia Right of Way Fee	Ccf	\$	0.14	\$ 0.15	\$ 0.16

Subject: Approval of Fiscal Year 2013 Capital Authority Request

## #12-09 RESOLUTION OF THE **BOARD OF DIRECTORS** OF THE

## DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors (the "Board") of the District of Columbia Water and Sewer Authority, (the "Authority") at its meeting on January 5, 2012, upon consideration of a joint-use matter, decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to the Fiscal Year 2013 Capital Authority request which is to be submitted to the United States Congress.

WHEREAS, on October 6, 2011, the General Manager presented to the Board the FY 2013 Proposed Capital Authority request that totaled \$606,090,000; and

WHEREAS, during the months of October and November 2011 the various committees of the Board, including, the Environmental Quality and Sewerage Services, Water Quality and Water Services, Finance and Budget and DC Retail Water and Sewer Rates Committees, reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions, customer and operational impacts; and

WHEREAS, on December 15, 2011, the Environmental Quality and Sewerage and the Water Quality and Water Services Committees met and recommended that the Board adopt the Proposed FY 2013 Capital Authority Request of \$606,090,000; and

WHEREAS, on December 22, 2011, the Finance and Budget Committee met and recommended that the Board adopt the Proposed Capital Authority request of \$606,090,000; and

**WHEREAS**, the request is to be submitted to the United States Congress.

## NOW THEREFORE BE IT RESOLVED THAT:

The Board hereby approves and adopts the District of Columbia Water and Sewer Authority's Fiscal Year 2013 Capital Authority request totaling \$606,090,000 which is to be submitted to the United States Congress as shown in Attachment A to this resolution.

This resolution is effective immediately.

Secretary to the Board of Directors

## Fiscal Year 2013 \*Capital Authority Request

## **Service Areas**

Blue Plains Wastewater Treatment	1	\$277,007
Sanitary Sewer System		88,795
Combined Sewer Overflow	1	124,734
Stormwater		2,683
Water System		91,894
Washington Aqueduct (DC Water sh	are)	10,848
Capital Equipment		<u>10,129</u>
Total	•	\$ <u>606,090</u>

The authority request includes a 24 month look-ahead, i.e., it also takes into account projected commitments for FY 2014 and FY 2015.

<sup>&</sup>lt;sup>1</sup> Includes Special Risk Allowance of \$20 million, and \$122 million for Enhanced Nitrogen Removal (formerly Total Nitrogen - "BTN"), and Clean Rivers (aka Long Term Control Plan - "LTCP") Programs, respectively, although not part of their Lifetime Budgets.

Subject: Approval of Fiscal Year 2011-2020 Capital Improvement

**Program** 

## #12-10 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors (the "Board") of the District of Columbia Water and Sewer Authority, (the "Authority") at its meeting on January 5, 2012, upon consideration of a joint-use matter, decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to the Fiscal Year 2011–2020 Capital Improvement Program.

**WHEREAS**, the Board's financial policies require an annually updated Ten-Year Financial Plan, which includes a Ten-Year Capital Improvement Program; and

**WHEREAS**, on October 6, 2011, the General Manager presented to the Board a lifetime budget totaling \$8,019,373,000 and a related FY 2011-2020 Capital Improvement Program disbursement budget, which totaled \$3,824,170,000; and

WHEREAS, during the months of October and November 2011 the various committees of the Board, including, the Environmental Quality and Sewerage Services, Water Quality and Water Services, Finance and Budget and DC Retail Water and Sewer Rates Committees, reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions, customer and operational impacts; and

WHEREAS, on December 15, 2011, the Environmental Quality and Sewerage Services and the Water Quality and Water Services Committees met and recommended that the Board adopt a proposed lifetime budget totaling \$8,019,373,000 and a related FY 2011–2020 Capital Improvement Program disbursement budget of \$3,824,170,000; and

**WHEREAS,** on December 22, 2011 the Finance and Budget Committee recommended that the Board adopt a proposed lifetime budget totaling \$8,019,373,000 and a related FY 2011 – 2020 Capital Improvement Program disbursement budget of \$3,824,170,000.

## NOW THEREFORE, BE IT RESOLVED THAT:

The Board hereby approves and adopts the District of Columbia Water and Sewer Authority's Fiscal Year 2011–2020 Capital Improvement Program with a lifetime budget totaling \$8,019,373,000 (Attachment A) and disbursements budget of \$3,824,170,000 (Attachment B), and as further detailed in the General Manager's Proposed Fiscal Year 2013 Operating and Capital Budgets dated October 27, 2011 and accompanying materials.

This resolution is effective immediately.

Secretary to the Boards of Directors

## Project Lifetime Budgets by Program Area (\$ 000's)

	FY 2012 Approved	FY2012 Revised / FY2013 Proposed	Variance
Wastewater Treatment			
Liquid Processing Projects	612,749	622,106	9,357
Plantwide Projects	337.671	345,887	8,216
Solids Processing Projects	688.806	719.537	30.731
Enhanced Nitrogen Removal Facilities	333,233	,	,
(formerly BTN - Total Nitrogen Program )	1,024,855	988,778	(36,077)
Sub-total	2,664,081	2,676,308	12,227
Sanitary Sewer		400.000	
Sanitary Collection Sewers	133,906	133,906	47.640
Sanitary On-Going Projects Sanitary Pumping Facilities	142,067 25.898	159,677 25,898	17,610
Sanitary Fumping Facilities Sanitary Sewer Projects Program Management	25,696 103,150	25,696 103,135	(15)
Sanitary Interceptor/Trunk Force Sewers	430,144	432,583	2,439
Sub-total	835,165	855,199	20,034
3 tin-total	055,105	000,100	20,057
Combined Sewer Overflow			
CSO Program Management	55,239	55,239	-
Combined Sewer Projects: Nine Minimum Control		213.888	(1,499)
Combined Sewer Projects: Others Clean Rivers Project (aka Long-Term Control Plan)	240.013	244.844	4,831
Anacostia Tunnel	1,672,282	1,672,282	-
Potomac Tunnel	418.700	418.700	-
Rock Creek Tunnel	70,342	70,342	
Sub-total	2,671,963	2,675,295	3,332
Stormwater			
Stormwater Stormwater Extensions/Local Drainage	17,999	17.999	0
Stormwater Ort-Guing Program	9,658	9.658	Ö
Stormwater Pumping Facilities	0	0	-
DDOT Stormwater Program	5,066	4,720	(346)
Stormwater Projects Program Management	10,630	10,630	<del>-</del>
Stormwater Trunk/Force Severs	18,605	15,504	(3,101)
Sub-total	61,958	58,511	(3,447)
Water_			
Water Distribution Systems	666,933	695,720	28,787
Water Lead Program	191,000	191,040	40
Water On-Going Projects	112,121	117,541	5,420
Water Pumping Facilities	150,149	161,372	11,223
DDOTWater Projects Water Storage Facilities	95,892 71,862	91,538 74,311	(4.354) 2,449
Water Projects Program Management	51,107	47,559	(3,548)
Meter Replacement /AMR Installation	61,151	73,534	12,383
Sub-total	1,400,215	1,452,615	52,400
	.,	. ,,	
Washington Aqueduct	203,138	203,138	0
Capital Equipment	103,906	98,307	(5,599)
Total DC Water CIP Lifetime (see notes)	7,940,426	8,019,373	78,947

## Notes:

<sup>1</sup> Lifetime budgets shown here represent total budgets for projects that are active during the current 10-year CIP. Lifetime budgets include historical spending prior to the beginning of the current 10-year plan, spending during the 10-year plan, and projected spending beyond the current 10-year plan. Projects completed in FY 2011 will be dropped from the CIP next year.

<sup>2</sup> These budgets do not include inhouse labor costs, estimated to be in the St to 99 million range, annually, and are applicable to, primarily, the time charged to capital projects by employees in the Departments of Engineering and Technical Services, Bewer Services, and Water Services.

FY 2011 - FY 2020 PROJECTED CAPITAL IMPROVEMENT PLAN (CIP) - DISBURSEMENTS BASIS (\$ in 000's)

	FY 2011 Actuals	FY 2012 Revised	FY 2013 Proposed	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Wastewater Treatment	, ,	Revised	Froposed								FY'11 -'20
Liquid Processing Projects	\$11,080	\$23,263	\$35,371	\$18,756	\$7,578	\$5.010	\$12.074	\$8.300	\$7.428	\$992	\$129,851
Plantwide Projects	17,067	18,018	18.645	13,788	5,992	3,204	3,894	12,140	6,741	1,468	100,957
Solids Processing Projects	48,822	119,294	194,973	71,080	15,734	6,467	2,851	355	1	-, 100	459,576
Enhanced Nitrogen Removal Facilities	,	,	,	,	,	-,	_,				,
(formerly BTN - Total Nitrogen Program)	48,910	115,269	129,660	105,690	81,495	89,399	77,104	21,430	2,652	1,890	673,498
Sub-total	125,879	275,844	378,649	209,313	110,799	104,080	95,923	42,224	16,822	4,350	1,363,882
Sanitary Sewer											
Sanitary Collection Sewers	1,674	2,140	6,174	11,611	8,873	3,924	5,690	7,268	7,766	7,725	62,844
Sanitary On-Going Projects	7,171	16,081	15,694	6,795	7,075	7,659	7,865	8,138	8,590	9,229	94,298
Sanitary Pumping Facilities	424	659	636	696	37	-	-	-	-	-	2,452
Sanitary Sewer Projects Program Management	3,488	6,880	4,454	6,189	6,821	6,630	6,748	7,790	6,633	5,160	60,794
Sanitary Interceptor/Trunk Force Sewers	11,737	14,162	18,422	31,488	41,529	26,354	20,983	32,732	21,431	17,997	236,834
Sub-total	24,494	39,922	45,381	56,779	64,335	44,567	41,286	55,928	44,419	40,110	457,223
Combined Sewer Overflow / Long Term Contro											
CSO Program Management	1,089	1,590	1,533	2,272	1,840	1,555	1,593	2,181	2,645	2,105	18,402
Combined Sewer Projects: Nine Minimum Controls	35,368	6,971	2,021	309	12	4	_	-	-	-	44,685
Combined Sewer Projects: Others	-	7,533	8,611	17,071	16,186	18,109	12,030	9,550	9,644	12,476	111,210
D.C. Clean Rivers Project (aka Long-Term Control	Plan)										
Anacostia Tunnel	41,415	114,366	138,668	91,726	143,635	132,510	122,307	36,237	53,200	83,986	958,050
Potomac Tunnel	-	1,270	961	309	1,533	5,132	5,233	8,412	11,639	12,028	46,517
Rock Creek Tunnel	_	286	227	71	-	232	771	800	1,417	2,026	5,830
Sub-total	77,872	132,016	152,021	111,758	163,206	157,542	141,934	57,180	78,545	112,621	1,184,694
Stormwater											
Stormwater Local Drainage	-	17	104	69	65	83	92	95	98	93	715
Stormwater On-Going Program	105	731	452	468	464	512	465	483	522	199	4,400
Stormwater Pumping Facilities	-										-
DDOT Stormwater Program	-	2	8	9	19	18	18	10	10	-	93
Stormwater Research and Program Management	836	499	250	238	193	163	162	222	270	214	3,047
Stormwater Trunk/Force Sewers	1,219	1,527	3,462	1,762	60						8,029
Sub-total	2,160	2,775	4,276	2,545	801	775	737	810	900	506	16,284
Water	04.540	00.004	00.404	04.000	00 405	00.000	00.005	00.010	00.000	40.040	000 440
Water Distribution Systems	21,542	23,024	28,404	31,809	29,435	29,239	33,925	33,316	32,933	42,819	306,448
Water On-Going Projects	8,811	8,239	6,681	5,994	6,188	6,364	7,508	6,548	7,159	6,851 84	70,343 36,361
Water Pumping Facilities	1,778	5,327	6,273	7,921	3,375	1,373	3,168 5,106	7,062	- - 000		•
DDOT Water Projects	3,740	4,002	5,613	6,583	4,616	4,906 6,946	5,126 4,264	5,730 4,122	5,808 3,192	7,857 1,997	53,982 41,710
Water Storage Facilities	1,275	2,083	4,221 4,081	7,860 3,242	5,748 3,870	3,672	3,669	3,726	3,748	2,175	36,649
Water Projects Program Management	4,357 2,611	4,109 4.801	2.372	2,077	2,246	2,414	2,528	2,627	3,740	2,175	21,676
Water Lead Program Meter Replacement /AMR Installation	2,784	2,876	1,790	1,332	3,166	3,205	3,385	3,330	3,774	3,472	29,114
Sub-total	46,898	54,461	59,436	66,820	58,643	58,121	63,572	66,461	56,614	65,255	596,282
	-			•					-		•
Washington Aqueduct	9,490	11,373	10,598	10,744	11,016	11,280	11,588	10,891	10,323	9,842	107,144
Capital Equipment	10,585	15,349	15,341	12,384	9,173	7,278	7,348	7,648	6,778	6,778	98,662
Total FY 2013 DC Water CIP	\$297,378	\$531,741	\$665,701	\$470,343	\$417,972	\$383,644	\$362,387	\$241,142	\$214,401	\$239,462	\$3,824,170

Subject: Approval of Fiscal Year 2013 Proposed Operating Budget

# #12-11 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors (the "Board") of the District of Columbia Water and Sewer Authority, (the "Authority") at its meeting on January 5, 2012, upon consideration of a joint-use matter, decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to the Fiscal Year 2013 Proposed Operating Budget.

**WHEREAS,** on October 6 2011, the General Manager presented the FY 2013 Proposed Operating Budget to the Board that totaled \$456,775,000; and

WHEREAS, during the months of October and November 2011 the various committees of the Board, including, the Environmental Quality and Sewerage Services, Water Quality and Water Services, Finance and Budget and DC Retail Water and Sewer Rates Committees, reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions, customer and operational impacts; and

**WHEREAS,** on December 22, 2011, the Finance and Budget Committee recommended that the Board adopt a FY 2013 budget that totals \$456,775,000.

## NOW THEREFORE BE IT RESOLVED THAT:

The Board hereby approves and adopts the District of Columbia Water and Sewer Authority's Fiscal Year 2013 Proposed Operating Budget totaling \$456,775,000 as further detailed in materials presented by the General Manager.

This resolution is effective immediately.

Presented and Adopted: January 5, 2012 SUBJECT: Approval to Execute Contract No. 120020, FCRG Development Management, LLC.

## #12-12 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("the Authority"), at the Board meeting held on January 5, 2012 upon consideration of a non-joint use matter decided by a vote of six (6) in favor and none (0) oppose to execute Contract No. 120020, FCRG Development Management, LLC.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 120020, FCRG Development Management, LLC. The purpose of the contract is to provide the final design and construction of DCCR Division B – Tingey Street Diversion Sewer through an expedited design-build process. The contract not-to-exceed amount is \$17,360,000.

This resolution is effective immediately.

SUBJECT: Proposed Water and Sewer Service Rates, Right-of- Way (ROW) and Payment in Lieu of Taxes (PILOT) Fee and Clean Rivers Impervious Area Charge (IAC) for Fiscal Year 2013

# #12-13 RESOLUTION OF THE BOARD OF DIRECTORS OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

The District members of the Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("DC Water") at the Board meeting held on January 5, 2012 upon consideration of a non-joint use matter, decided by a vote of six (6) in favor and none (0) opposed, to approve the following action with respect to the proposed Retail Rates for Water and Sewer Service, Clean Rivers Impervious Area Charge (IAC), the Payment In Lieu of Taxes Fee (PILOT), the Right–of- Way Occupancy Fee Pass Through Charge (ROW).

**WHEREAS**, the Board has adopted a revised rate setting policy that calls for rates that, together with other revenue sources, yield a reliable and predictable stream of revenues and will generate sufficient revenues to pay for DC Water's projected operating and capital expenses; and

**WHEREAS**, the Board has adopted various financial policies that require revenues to ensure compliance with Board policies regarding maintenance of senior debt coverage and cash reserves; and

**WHEREAS**, the DC Retail Water and Sewer Rates Committee met on December 23, 2011 to consider the proposed rate and fee changes and cost drivers; and

**WHEREAS**, DC Water has two classes of customers, (residential and non-residential) as per Title 21 in the District of Columbia Municipal Regulations (DCMR); and

**WHEREAS**, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment a combined retail water and sewer rate increase of \$0.47 per Ccf (\$0.63 per 1,000 gallons); and

WHEREAS, the increase in water and sewer rates would result in a combined water and sewer rate that approximates \$7.67 per One Hundred Cubic Feet ("Ccf) or \$10.25 per 1,000 gallons of metered water and sewer use; and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment a monthly increase in the Clean Rivers Impervious Area Charge of \$3.09 per Equivalent Residential Unit (ERU) to recover the \$2.6 billion costs of the Combined Sewer Overflow Long-Term Control Plan (CSO LTCP); and

WHEREAS, the DC Retail Water and Sewer Rates Committee recommended that the Board consider for public comment an increase in the ROW / PILOT fee of \$0.04 per Ccf (\$0.05 per 1,000 gallons) to recover the full cost of this District of Columbia government charges, pending final negotiations and approval of a memorandum of understanding from the District of Columbia government; and

**WHEREAS**, the public comment and notification process of the proposed rate and fee increases will occur over the next several months and it is the intent of the Board to take final action on the proposed rate and fee increases at the conclusion of the notification and comment period; and

**WHEREAS**, adoption of these rates and fee changes would increase the monthly bill of the average residential customer using 6.69 Ccf (or 5,004 gallons) approximately \$6.50 per month or \$78.00 per year; and

**WHEREAS**, DC Water's retail revenue projections for Fiscal Year 2013 reflect an approximate \$29.3 million increase due to the proposed \$13.7 million increase in retail water and sewer rates, an approximate \$1.2 million increase due to the proposed ROW / PILOT fee increase, and an approximate \$14.4 million increase due to the proposed Clean Rivers IAC increase.

## NOW THEREFORE BE IT RESOLVED THAT:

1. The Board finds that DC Water's projected expenditures require that it propose, for public comment, the approximate rate and fee increases described below:

## **Retail Water Service Rates**

- a. An increase in the rate for retail metered water service from \$3.24 per One Hundred Cubic Feet ("Ccf"), (\$4.33 per 1,000 gallons) to:
  - Residential customers: \$3.45 per Ccf (\$4.61 per 1,000 gallons), effective October 1, 2012
  - Non residential customers: \$3.45 per Ccf (\$4.61 per 1,000 gallons), effective October 1, 2012

## **Retail Sewer Service Rates**

- b. An increase in the rate for retail sanitary sewer service from \$3.96 per One Hundred Cubic Feet ("Ccf"), (\$5.29 per 1,000 gallons) to:
  - Residential customers: \$4.22 per Ccf (\$5.64 per 1,000 gallons), effective October 1, 2012
  - Non residential customers: \$4.22 per Ccf (\$5.64 per 1,000 gallons), effective October 1, 2012
- c. An increase in the annual Clean Rivers Impervious Area Charge (IAC) from \$79.68 to \$116.76 per Equivalent Residential Unit (ERU). The charge per ERU will be billed monthly at:
  - Residential customers: \$9.73 for each ERU, effective October 1, 2012
  - Non residential customers: \$9.73 for each ERU, effective October 1, 2012

## Right- of- Way Occupancy Fee Pass Through Charge

- d. An increase in the District of Columbia Right- of- Way fee from \$0.15 per Ccf or (\$0.20 per 1,000 gallons) to:
  - Residential customers: \$0.16 per Ccf or (\$0.21 per 1,000 gallons), effective October 1, 2012.
  - Non residential customers: \$0.16 per Ccf or (\$0.21 per 1,000 gallons), effective October 1, 2012.

## Payment in Lieu of Taxes Fee

- e. An increase in the District of Columbia Payment in Lieu of Taxes fee from \$0.49 per Ccf or (\$0.66 per 1,000 gallons) to:
  - Residential customers: \$0.52 per Ccf or (\$0.70 per 1,000 gallons), effective October 1, 2012.
  - Non residential customers: \$0.52 per Ccf or (\$0.70 per 1,000 gallons), effective October 1, 2012.

2. The General Manager is authorized to take all steps necessary in his judgment and as otherwise required, to initiate the public comment process and shall provide notice of the proposed rate adjustments in the manner provided by 21 DCMR, Chapter 40 and the District of Columbia's Administrative Procedures.

This resolution is effective immediately.

Secretary to the Board of Directors