



DeKalb County Government

Manuel J. Maloof Center
1300 Commerce Drive
Decatur, Georgia 30030

Agenda Item

File ID: 2019-4508

Substitute

11/19/2019

Purchasing Type: Change Order (CO)

Public Hearing: YES NO

Department: Purchasing & Contracting

AGENDA ITEM:

Commission District(s): All

CO - Change Order No. 3 to Contract No.978332 (formerly 15-903011) CIP Program Management Services: for use by the Department of Watershed Management (DWM). This contract consists of providing CIP Program Management Services; inclusive of program development and management, project controls, hydraulic modeling, master plan scope development, project management, technical specification and standards quality control, risk management, community outreach, technical support, and PMIS implementation support. This request is to increase the contract funding, term, and performance time to allow for the continuation of existing CIP program management tasks. Awarded to AECOM Technical Services Inc. Amount Not To Exceed: \$22,322,194.00.

Information Contact: Talisa Clark, CPPO

Phone Number: (404) 687-2797

PURPOSE:

Awarded by the BOC on July 28, 2015 for an amount not to exceed \$19,944,897.00. On August 8, 2017, the BOC approved Change Order No. 1 to increase the scope of services and funding in an amount not to exceed \$6,948,928.00. On September 19, 2019, the Chief Executive Officer approved Change Order No. 2 to increase the contract performance time by 114 days. This request is to increase the contract term to December 31, 2024, performance time by 1,348 days, and funding to allow for the continuation of existing CIP program management tasks. These tasks will be additionally funded as follows: Task 1 (\$2,543,661.00); Task 2 (\$3,324,742.00); Task 4 (\$1,433,799.00); Task 6 (\$501,060.00); Task 7 (\$11,925,408.00); Task 8 (\$377,983.00); Task 9 (\$406,794.00); Task 10 (\$1,454,905.00); Task 12 (\$368,279.00). Continuation of CIP Program Management services ensures that the CIP Program continues to meet its required project goals and spend rates.

RECOMMENDATION:

Recommend approval of Change Order No. 3 with:

AECOM Technical Services Inc., One Midtown Plaza 1360 Peachtree St., Ste. 500, Atlanta, GA 30309

Amount Not To Exceed: \$22,322,194.00

and authorizes the Chief Executive Officer to execute the change order and all associated documents.

ADDITIONAL INFORMATION:



DeKalb County Government

Manuel J. Maloof Center
1300 Commerce Drive
Decatur, Georgia 30030

1. LSBE Participation: 44%
2. Contract Effective Date: July 28, 2015
3. Contract Expiration Date: December 31, 2020
4. Amount Spent to Date: \$24,645,956.92
5. Funding: Renewal and Extension and/or Revenue Bonds
CIP Line No. 22 (DWM)

AGENDA NOTES

Solicitation Name and Number	CIP Program Management Services RFP 15-500343
Procurement Agent	Michelle Butler
Date Solicitation prices expires	N/A
Solicitation Name, Number and Contract Number of expiring/expired contract	CIP Program Management Services RFP 15-500343 Contract No. 978332 (formerly 15-903011)
Previous Contract Number, Contractor Name and Award Amount	\$26,893,825.00 AECOM Technical Services, Inc. Contract No. 978332 (formerly 15-903011)
Previous Amount Spent on Expiring/Expired Contract	\$24,645,956.92 AECOM Technical Services, Inc. Contract No. 978332 (formerly 15-903011)
Prime Contractor Information and LSBE – Subcontractor	<p><u>AECOM Technical Services Inc. (Prime)</u> Michael Burke, Chairman and CEO Years In Business: 28 Years Doing Business With DeKalb: 6</p> <p><u>Corporate Environmental Risk Management, LLC (CERM)</u> (LSBE –DeKalb) 11% Albert Edwards, President 1990 Lakeside Parkway, Suite 300, Tucker, GA 30084 Years In Business: 23 Years Doing Business With DeKalb: 14 <i>Professional engineering services for construction management and design assistance.</i> Amount Spent: \$1,877,263.67</p> <p><u>The Collaborative Firm, LLC (LSBE – MSA) 10%</u> Michael Hightower, Founder & Managing Partner 1514 E. Cleveland Ave., Ste. 82, East Point, GA 30344 Years In Business: 16 Years Doing Business With DeKalb: 11 <i>Public Involvement and Engineering</i> Amount Spent: \$2,170,996.44</p>

	<p><u>Reeves and Associates Consulting and Solutions. LLC</u> <u>(LSBE –DeKalb) 1%</u> Mike Reeves, Owner 2296 Henderson Mill Road, Suite 206, Atlanta, GA 30345 Years In Business: 21 Years Doing Business With DeKalb: 14 <i>Community Outreach, Training and Knowledge Transfer</i> Amount Spent: \$301,835.75</p> <p><u>Graham & Associates, Inc. (LSBE – DeKalb) 10%</u> Angela Graham, President 1979 Lakeside Parkway, Ste. 180, Tucker, GA 30084 Years In Business: 19 Years Doing Business With DeKalb: 9 <i>Program Management Office and Project Controls</i> Amount Spent: \$1,607,727.84</p> <p><u>Environmental Consortium. LLC (LSBE –DeKalb) 9%</u> Reginald Veasley, President 1631 Fieldgreen Overlook, Stone Mountain, GA 30088 Years In Business: 11 Years Doing Business With DeKalb: 5 <i>Construction Management Services</i> Amount Spent: \$1,597,056.00</p> <p><u>Public Affairs Consulting and Solutions. LLC (LSBE –MSA)</u> <u>3%</u> Phillipa Brown, President 6765 Blantyre Boulevard, Stone Mountain, GA 30087 Years In Business: 9 Years Doing Business With DeKalb: 4 <i>Public Outreach and Engagement and Workforce</i> Amount Spent: \$552,318.17</p>
Attachments	User Department Change Order Request No. 3



PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: CIP Program Management Services Date: 8/30/2019
 Contractor: AECOM Technical Services, Inc.
 Contract Number: 15-903011 Contract Amendment Number: 3

Contract Amendment Category: Cost Schedule Scope Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:	Original Contract End Date:
\$19,944,897	9/9/2015	1940	12/31/2020
NTP Start Date:	Original Performance Days:	Original Performance End Date:	
9/9/2015	1461	9/8/2019	
Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:	
Change Order No. 1:	0	\$6,948,928	
Change Order No. 2:	90	\$0.00	
Change Order No. 3:	0	\$0.00	
Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:	
\$26,893,825	1551	12/7/2019	

Description of Proposed Changes: (Also see attached documentation) Change Order #03 (CO#03) funds: Continuation of CIP PMT services through the completion of the current \$1.345 Billion CIP, completion of Snapfinger Phase 2 construction, and Consent Decree (CD) PASARP Rehab. Extension of current services includes; Task 1: Program Management, Task 2: Project Controls, Task 4: Hydraulic Modeling, Task 6: Master Planning, Task 7: Project Management, Task 8 - Technical Specifications, Standards and Quality Control, Task 9: Risk Management, Task 10: Community Outreach and Public Relations, Task 11: Technical Assistance and Task 12: PMIS Implementation Support. CO#03 also includes two additions to the contracted scope of work, both in Task 6: Master Plan Development. These additional items were directed and approved by DWM leadership in May of 2018 and January of 2019, respectively, and included: 1) Converting the existing static Consent Decree Sewer Hydraulic Model into a limited calibration inflow hydrograph hydraulic model prior for use in the development of the Master Plan until the dynamic Consent Decree model is available, and 2) Performing a Water Main Risk-Based Prioritization to evaluate the criticality of water distributions system asset using a risk-based approach. Task 3: Program Development and Task 5: Master Plan Scope Proposal are complete.

Justification of Proposed Changes: (Also see attached documentation) The County has developed and is approximately 60% complete implementing and delivering a \$1.345 Billion CIP. Completion of this CIP requires annual CIP Project delivery at the level of \$230 million per year and up to \$255 million in 2020 to meet commitments made on PASARP rehabilitation works as part of the Consent Decree. PASARP rehab work is projected to continue through 2023, and the Snapfinger Phase 2 project construction schedule is expected to continue through to 2022. The CIP PMT has been critical in achieving recent CIP spend levels at the required rates, as well as developing and implementing funding strategies such as applying for WIFIA and GEFA loans, and prioritizing project needs based on operational needs. New PASARP rehab delivery strategies have included putting in place new unit-price-based rehab contracts and expediting the use of existing Annual Contracts, On-Call Engineering contracts and cooperative agreements to drive completion of the PASARP rehab work in the schedule committed to. Changing CIP PMT at this time is not in the best interests of the County.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
1371	2922	9/9/2023	12/31/2024
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:		Amount Spent To Date:
\$22,322,194	\$49,216,019		\$24,642,882

Attachment 2
CIP Program Management Services (AECOM) - Change Order #03
Summary of Proposed Budget Changes
September 2019

Task Description	Initial Contract Budget by Task		Change Order #01			Change Order #03			Description	
			Transferred between Tasks in CO#01	New Funds Added in CO#01	Budget Following CO#01	Projected Funds Expended by 9/8/2019	Remaining Budget from Approved Funds	Budget Required 9/9/2019 to 12/31/2023		New Funds from CO#03
Task 1 Program Development and Management	\$ 2,881,642	\$ -	\$ 414,900	\$ 101,745	\$ 3,398,287	\$ 3,224,564	\$ 173,723	\$ 2,717,384	\$ 2,543,661	\$ 5,941,948
Task 2 Project Controls	\$ 2,205,490	\$ -	\$ 462,720	\$ 272,336	\$ 2,940,546	\$ 2,932,541	\$ 8,005	\$ 3,332,747	\$ 3,324,742	\$ 6,265,288
Task 3 Program Development	\$ 450,744	\$ -	\$ -	\$ -	\$ 450,744	\$ 449,246	\$ 1,498	\$ -	\$ (1,498)	\$ 449,246
Task 4 Hydraulic Modeling	\$ 866,324	\$ -	\$ 125,117	\$ 386,123	\$ 1,377,564	\$ 1,489,752	\$ (112,188)	\$ 1,321,610	\$ 1,433,799	\$ 2,811,363
Task 5 Master Plan Scope Proposal	\$ 167,987	\$ -	\$ -	\$ -	\$ 167,987	\$ 167,987	\$ -	\$ -	\$ -	\$ 167,987
Task 6 Master Plan Development	\$ -	\$ -	\$ -	\$ 3,052,000	\$ 3,052,000	\$ 2,346,374	\$ 705,626	\$ 1,206,686	\$ 501,060	\$ 3,553,060
Task 7 Project Management	\$ 9,996,062	\$ -	\$ (916,037)	\$ -	\$ 9,080,025	\$ 10,275,932	\$ (1,195,807)	\$ 10,729,601	\$ 11,925,408	\$ 21,005,433
Task 8 Technical Specifications, Standards and Quality Control	\$ 530,122	\$ -	\$ -	\$ -	\$ 530,122	\$ 530,007	\$ 115	\$ 378,098	\$ 377,983	\$ 908,105
Task 9 Risk Management	\$ 537,002	\$ -	\$ (86,700)	\$ -	\$ 450,302	\$ 367,585	\$ 82,717	\$ 489,511	\$ 406,794	\$ 857,096
Task 10 Community Outreach and Public Relations	\$ 2,309,524	\$ -	\$ -	\$ 1,379,581	\$ 3,689,105	\$ 2,647,430	\$ 1,041,675	\$ 2,496,581	\$ 1,454,905	\$ 5,144,010
Task 11 Additional Services - Technical Support	\$ -	\$ -	\$ -	\$ 1,009,143	\$ 1,009,143	\$ 560,737	\$ 428,406	\$ 415,467	\$ (12,938)	\$ 996,205
Task 12 PMIS Implementation Support	\$ -	\$ -	\$ -	\$ 748,000	\$ 748,000	\$ 416,678	\$ 331,122	\$ 699,401	\$ 368,279	\$ 1,116,279
TOTAL	\$ 19,944,897	\$ -	\$ -	\$ 6,948,928	\$ 26,893,825	\$ 25,428,934	\$ 1,464,891	\$ 23,787,086	\$ 22,322,194	\$ 49,216,019

Extension of Program Management services, including Program Manager and Administrative Assistant
 Extension of Program Controls services, including Program Controls Manager, Scheduling Manager and Document Control Manager.
 Included in Task 7
 Extension of ad hoc support for Water Delivery System Management. Use of Hydraulic Model and staff to identify and help address water system issues, approved on a Task Order basis.
 Complete
 Completion of Master Plan Scope approved in CO#01. Additional funding for Limited Calibration of Sewer Model and Water Main Prioritization.
 Extension of Project Management services, including Deputy Program Manager.
 On-going funding of part-time Project Manager to act as Quality Task Lead through life of contract.
 On-going funding of part-time Project Manager to act as Risk Task lead through life of contract.
 Extension of Public Outreach team.
 Extension of additional technical support as requested by DWM. Approved on a Task Order basis.
 Extension of services to support and continue to develop DWM's SharePoint system.

CIP Program Management Services (AECOM) - Change Order #03
Proposed Budget - September 2019 - August 2023 Build-Up

Assumptions:	1,000 0.00%	Annual cost escalation *	Annual hours per year *	Recumbent	Year 4 Rate	Company	9/1/19-9/30/20		9/1/21-9/30/21		9/1/22-9/30/22		9/1/23-9/30/23		Total ETC
							FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	
Table 1 - Program Development and Management															
PNCP Program Manager			287			AECOM	90%	\$ 510,814	90%	\$ 536,139	90%	\$ 541,913	60%	\$ 344,955	\$ 1,928,830
PNCP & Surety Principal			308			AECOM	5%	\$ 30,435	5%	\$ 31,859	5%	\$ 32,310	5%	\$ 33,179	\$ 127,413
Account Administrator			66			AECOM	8%	\$ 15,188	8%	\$ 15,644	8%	\$ 16,113	8%	\$ 16,585	\$ 65,541
Administrative II			98			Graham	100%	\$ 134,477	100%	\$ 139,511	100%	\$ 142,666	100%	\$ 146,946	\$ 582,601
Table 2 - Project Control															
Scheduler/Estimator			184			AECOM	100%	\$ 363,878	100%	\$ 374,795	100%	\$ 386,039	75%	\$ 298,215	\$ 1,422,927
Project Manager (Scheduling)			149			Graham	100%	\$ 294,662	100%	\$ 303,502	100%	\$ 312,607	100%	\$ 321,986	\$ 1,237,758
Teamwork I			77			AECOM	100%	\$ 157,275	100%	\$ 161,549	100%	\$ 166,395	100%	\$ 171,663	\$ 637,068
Table 3 - Program Development - COMPLETE							COMPLETE								
Table 4 - High Value Modeling															
Business Modeler			149			AECOM	See detail on separate sheet								\$ 367,124
Engineer I			94			AECOM									\$ 291,005
Engineer II - GIS			101			CEBA									\$ 622,482
Table 5 - Major Plan Review - COMPLETE							COMPLETE								
Additional Work Already Committed To															
Remainder of CDM1 Scope						AECOM									\$ 765,626
Limited Calibration						AECOM									\$ 300,000
Water Main Prioritization						AECOM									\$ 161,060
Table 7 - Project Management															
Engineer III			151			AECOM	100%	\$ 298,618	100%	\$ 307,576	100%	\$ 316,803	100%	\$ 326,308	\$ 1,249,305
Senior Project Manager			182			AECOM	100%	\$ 359,913	100%	\$ 370,721	100%	\$ 381,843	0%	\$ 1,117,487	\$ 1,117,487
Senior Project Manager			182			TCF	100%	\$ 359,913	100%	\$ 370,721	100%	\$ 381,843	50%	\$ 196,649	\$ 1,309,136
Senior Project Manager			182			Graham	100%	\$ 359,913	100%	\$ 370,721	100%	\$ 381,843	80%	\$ 1,427,125	\$ 1,427,125
Senior Project Manager			182			CEBA	100%	\$ 359,913	100%	\$ 370,721	100%	\$ 381,843	100%	\$ 393,248	\$ 1,505,784
Senior Project Manager			182			AECOM	35%	\$ 121,973	35%	\$ 129,752	35%	\$ 137,654	35%	\$ 145,785	\$ 527,025
Senior Project Manager			149			AECOM	70%	\$ 206,264	70%	\$ 212,452	75%	\$ 219,156	75%	\$ 226,460	\$ 854,660
Project Manager			149			EC	100%	\$ 294,662	100%	\$ 303,502	100%	\$ 312,607	100%	\$ 321,986	\$ 1,237,758
Engineer I			182			CEBA	100%	\$ 167,163	100%	\$ 172,028	100%	\$ 177,039	100%	\$ 182,196	\$ 678,430
Senior Technical Resource (Senior PM rate)			182			AECOM	50%	\$ 179,962	50%	\$ 185,360	50%	\$ 190,921	50%	\$ 196,649	\$ 762,892
Table 8 - Technical Specifications, Standards and Quality Control															
Project Manager (PT)			149			AECOM	30%	\$ 88,399	30%	\$ 91,651	30%	\$ 94,903	25%	\$ 98,155	\$ 338,008
Table 9 - Risk Management															
Senior Project Manager (PT)			182			AECOM	35%	\$ 129,752	35%	\$ 134,141	35%	\$ 138,530	35%	\$ 142,919	\$ 495,352
Table 10 - Community Outreach and Public Relations															
Manager Comm/Pub Outreach			103			CEBA	100%	\$ 203,693	100%	\$ 209,804	100%	\$ 216,098	100%	\$ 222,581	\$ 852,175
Comm/Pub Outreach Specialist II			92			TCF	100%	\$ 181,939	100%	\$ 187,397	0%	\$ -	0%	\$ -	\$ 369,337
Comm/Pub Outreach Specialist III			84			TCF	100%	\$ 166,118	100%	\$ 171,102	50%	\$ 88,118	50%	\$ 90,761	\$ 516,099
Comm/Pub Outreach Specialist I			79			Reserv	100%	\$ 156,230	100%	\$ 160,917	100%	\$ 165,745	100%	\$ 170,717	\$ 653,610
Comm/Pub Outreach Specialist I			79			PACS	10%	\$ 15,623	10%	\$ 16,092	10%	\$ 16,574	10%	\$ 17,072	\$ 65,361
Table 11 - Technical Assistance															
Engineer II (Inhab Recommendation)			116			Graham	100%	\$ 229,402	20%	\$ 47,257	20%	\$ 48,674	20%	\$ 50,135	\$ 376,467
Table 12 - PMO Implementation Support															
Supervising Engineer (Task Lead)			246			AECOM	20%	\$ 97,298	20%	\$ 100,217	20%	\$ 103,173	20%	\$ 106,170	\$ 407,058
Technician III			172			AECOM	25%	\$ 60,317	25%	\$ 62,126	25%	\$ 63,990	25%	\$ 65,910	\$ 252,343
ODDC						ODDC		\$ 100,000		\$ 100,000		\$ 100,000		\$ 100,000	\$ 400,000
TOTAL															
															\$ 23,787,088
															\$ 26,893,925
															\$ 1,464,891
															\$ 21,707,066
															\$ 22,321,194
															\$ 69,216,919

Contracted to date = \$ 26,893,925
 Projected Unspent as 9/30/2019 = \$ 1,464,891
 Projected needs for 9/1/2019-12/31/2023 = \$ 21,707,066
TOTAL AFTER COMB1 = \$ 69,216,919

\$1.345 Billion CIP Projects Continuing 2019 through 2023

	Total Spend by Year					Total 2019-2023
	2019	2020	2021	2022	2023	
Total Spend by Year	\$ 241,213,054	\$ 273,334,114	\$ 235,575,451	\$ 232,374,929	\$ 230,792,559	\$ 1,213,290,107
Total Spend from CIP \$1.345 Billion by Year	\$ 241,213,054	\$ 273,334,114	\$ 214,829,451	\$ 188,789,929	\$ 178,237,559	\$ 1,096,404,107

CIP/WBS NUMBER	Project Name	Spend by Year					Total 2019-2023
		2019	2020	2021	2022	2023	
6	Decatur Elevated Tank Demolition	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000
6	Scott Candler WTP Steel Tanks No. 2, 1, & 3	\$ 5,300,000	\$ 1,180,000	\$ -	\$ -	\$ -	\$ 6,480,000
6	Whites Mills Ground Storage Tank 2	\$ 295,000	\$ 295,000	\$ -	\$ -	\$ -	\$ 590,000
6	Wesley Chapel Ground Storage Tank 1	\$ 559,419	\$ -	\$ -	\$ -	\$ -	\$ 559,419
6	Columbia Concrete and Steel Ground Tanks	\$ -	\$ 265,230	\$ 265,230	\$ -	\$ -	\$ 530,460
6	Whites Mill Ground Storage Tank 1	\$ -	\$ 265,500	\$ 265,500	\$ -	\$ -	\$ 531,000
6	Dunwoody Tanks	\$ -	\$ 265,500	\$ 265,500	\$ -	\$ -	\$ 531,000
14	Water Meter Upgrade and Replacement Program	\$ 4,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 28,000,000
16	Water Replacement, Service Renewals and Cul de Sac Contracts	\$ 1,000,000	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000	\$ 2,000,000	\$ 10,500,000
22	Program Managers, Hydraulic Modeling & Master Planning - Non-WIFIA	\$ 3,570,132	\$ 2,556,997	\$ 4,938,993	\$ 3,648,636	\$ 3,532,737	\$ 18,267,495
22	Program Managers, Hydraulic Modeling & Master Planning - WIFIA	\$ 9,325,468	\$ 6,743,003	\$ 2,541,007	\$ 2,351,364	\$ 1,967,263	\$ 22,928,105
22	CIP Staffing, Rent and Overheads	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000	\$ 35,000,000
22	Design Services for Contracts where not already included	\$ 385,000	\$ 399,000	\$ 1,844,521	\$ 2,172,821	\$ 877,821	\$ 5,679,163
22	CM Services for Contracts where not already included	\$ 3,227,171	\$ 4,578,667	\$ 4,736,000	\$ 4,803,224	\$ 4,523,224	\$ 21,868,287
22	Easement Research and Easement Purchase not in Budget	\$ 2,000,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 8,000,000
24	Scott Blvd Water Replacement Phase I	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 2,500,000
24	Scott Blvd Water Replacement Phase II	\$ -	\$ 7,500,000	\$ 7,500,000	\$ 7,500,000	\$ -	\$ 15,000,000
24	Scott Blvd Phase III - 30 In Main Replacement	\$ -	\$ 5,000,000	\$ 6,000,000	\$ -	\$ -	\$ 11,000,000
25	SR Candler Road Waterline Replacement - Phase II	\$ -	\$ -	\$ 8,000,000	\$ -	\$ -	\$ 8,000,000
26	Glendale Water - 36 In Main Replacement (both)	\$ 5,500,000	\$ -	\$ 9,000,000	\$ 9,000,000	\$ -	\$ 23,500,000
29	Scott Candler Clear Well Redundancy	\$ -	\$ -	\$ -	\$ 6,000,000	\$ -	\$ 6,000,000
29	Scott Candler Ozone Generator Mods	\$ -	\$ 4,200,000	\$ 4,200,000	\$ -	\$ -	\$ 8,400,000
29	Scott Candler - Centrifuge, Electrical Building & Flow Meters	\$ -	\$ 1,500,000	\$ 1,000,000	\$ -	\$ -	\$ 2,500,000
29	Scott Candler Header and Transfer Pump	\$ 3,500,000	\$ 700,000	\$ -	\$ -	\$ -	\$ 4,200,000
34	Manhole Raising Contract (1 Year Base - 2 Renewals)	\$ 660,990	\$ 641,549	\$ 641,549	\$ 641,549	\$ 641,549	\$ 3,227,184
36	Relocation Roadway Projects - Undefined 2015	\$ 5,000,000	\$ 3,500,000	\$ 5,000,000	\$ 9,750,000	\$ 9,750,000	\$ 33,000,000
37	Snappingfinger Woods Drive Sanitary Sewer Improvements	\$ -	\$ 4,650,295	\$ -	\$ -	\$ -	\$ 4,650,295
42	OSARP CCTV Assessments General Areas	\$ 6,600,000	\$ 9,700,000	\$ 9,700,000	\$ 9,700,000	\$ 9,700,000	\$ 45,400,000
42	Major Gravity Sewer Line Capacity Restoration	\$ 3,800,000	\$ 3,800,000	\$ 3,800,000	\$ 1,900,000	\$ 1,900,000	\$ 15,200,000
44	Emergency Rehab Contracts #2	\$ 3,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 11,000,000
44	CD PASARP Rehab Packages - Non WIFIA	\$ 73,742,138	\$ 66,808,520	\$ 16,663,779	\$ 4,165,945	\$ -	\$ 161,380,382
44	CD PASARP Rehab Packages - WIFIA Compliant	\$ 3,773,473	\$ 41,291,580	\$ 47,290,454	\$ 32,622,849	\$ 16,311,424	\$ 141,289,780
47	2018 Consent Decree Lift Stations	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
49	City of Atlanta WW Sves Clean Water Atlanta CIP	\$ 12,426,000	\$ 12,717,000	\$ 12,717,000	\$ 20,000,000	\$ 20,000,000	\$ 77,860,000

		Total Spend by Year				Total
		2019	2020	2021	2022	2023
Total Spend by Year		\$ 241,213,054	\$ 273,334,114	\$ 235,575,451	\$ 232,374,929	\$ 230,792,559
Total Spend from CIP \$1.345 Billion by Year		\$ 241,213,054	\$ 273,334,114	\$ 214,829,451	\$ 188,789,929	\$ 178,237,559
		\$ 1,213,290,107				\$ 1,096,404,107

Total Spend by Year
Total Spend from CIP \$1.345 Billion by Year

CIP/WBS NUMBER	Project Name	Spend by Year					Total
		2019	2020	2021	2022	2023	2019-2023
52	Snappinger WWTP Expansion Construction PH 2	\$ 50,000,000	\$ 39,000,000	\$ 8,196,389	\$ -	\$ -	\$ 97,196,389
52	Snappinger WWTP Expansion Construction PH 2 (change orders)	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000	\$ -	\$ 20,000,000
52	Snappinger WWTP Expansion PH3 Design (\$50M*11.5=\$57.5)	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 15,000,000
54	Pole Bridge Creek AWTP - Dewatering	\$ -	\$ 2,100,000	\$ 2,100,000	\$ -	\$ -	\$ 4,200,000
59	Gwinnett County Redirect (\$50MM *11.5 total, \$25MM prior to 2023)	\$ 172,974	\$ 3,500,000	\$ -	\$ 7,000,000	\$ 18,000,000	\$ 25,000,000
74	Morris Reserve	\$ 993,235	\$ 993,235	\$ 993,235	\$ -	\$ -	\$ 3,672,974
82	Fire Hydrant Repair Replacement Annual Contracts	\$ 24,000,000	\$ 27,000,000	\$ 27,000,000	\$ 27,000,000	\$ 993,235	\$ 4,966,175
82	Annual AC Replacement Contract	\$ -	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 27,000,000	\$ 132,000,000
82	Annual Large Diameter AC Replacement Contract	\$ -	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 8,000,000
82	Avondale Water Main - 30 In Replacement	\$ -	\$ -	\$ -	\$ 6,540,306	\$ -	\$ 13,080,611
82	Rockbridge Road Asbestos Cement Water Main Replacement	\$ 3,535,347	\$ -	\$ -	\$ -	\$ -	\$ 3,535,347
82	Miriam Lane	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000	\$ 5,000,000
82	Donaldson Drive	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000
82	Emory Water Pressure Improvement Project	\$ 7,166,667	\$ 13,333,333	\$ -	\$ -	\$ -	\$ 20,500,000

