

Memorandum



Date: March 5, 2019

To: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

****Consent Decree****

Agenda Item No. 8(0)(1)

Subject: Resolution Approving Amendment Number One to Non-Exclusive Professional Services Agreement Number 14ATSI001 with AECOM Technical Services, Inc. for Miami-Dade Water and Sewer Department Project Number E13-WASD-01R and Exercising the First Five-Year Option to Renew

The resolution for this item was amended at the February 12, 2019 Infrastructure & Capital Improvements Committee meeting to include language directing the County Mayor or County Mayor's designee to provide written reports to the Board every 6 months. The reports must include the number of Consent Decree projects currently in construction, the number of Consent Decree projects currently in procurement, the number of Consent Decree projects currently in design, the number of Consent Decree projects that have yet to be started, the monies that have been expended on Professional Services Agreement No. 14ATSI001, including the amounts paid to Small Business Enterprises and any amounts that are pending payment to Small Business Enterprises.

Recommendation

It is recommended that the Board of County Commissioners (Board) approve the attached resolution authorizing Amendment Number One to the non-exclusive Professional Services Agreement No. 14ATSI001 with AECOM Technical Services, Inc. ("AECOM" or "PMCM") for Miami-Dade Water & Sewer Department (WASD) Project Number E13-WASD-01R. Amendment Number One exercises the County's first five-year option to renew and provides for a \$48,810,000 increase in the contract award, thereby bringing the total amount awarded for the contract to \$139,959,497 from the original award of \$91,149,497.

The increased cost to the contract is associated with project cost updates for the development and execution of the Consent Decree Program (the "Program"). Specifically, the construction cost of the Program went from \$732 million as estimated during the planning and solicitation process to \$1.163 billion following scope and project cost updates during the design phase. This updated construction cost figure was adopted by the Board as part of its Multi-Year Capital Budget for Fiscal Year 2018-19. This construction cost increase forms the basis for the proposed increase for AECOM's program management and construction management services. To arrive at the PMCM's final compensation amount, WASD revised the latest construction cost figure (\$1.163B) to subtract out material cost escalation and certain work performed by WASD staff (\$39M). The resultant \$1.124 billion construction cost represents a 53.55 percent increase over the initial \$732 million estimate. Consequently, Amendment Number One increases the PMCM contract amount by 53.55 percent, (or \$48.81M) over the initial \$91,149,497 award.

Delegation of Authority

The authority of the County Mayor or County Mayor's designee to execute and implement Amendment Number One to Agreement No. 14ATSI001 is consistent with those authorities granted under the Code of Miami-Dade County. Resolution No. R-469-14, adopted May 20, 2014, approved the award of Agreement Number 14ATSI001 to AECOM and required the County Mayor or County Mayor's designee to seek approval from the Board prior to exercising any of the options-to-renew or increasing the compensation above the initial award amount.

Scope

AECOM is providing program and construction management services related to the Consent Decree projects, which are of countywide significance.

Fiscal Impact

The increase in total compensation in Amendment Number One will be funded by the Wastewater Treatment Plants-Consent Decree Projects, Office of Management and Budget (OMB) project number 964120, Adopted Budget Book Volume 3 Adopted Page 66. (See Exhibit "A" as attached). The funding sources are Wastewater Renewal Fund, WASD Revenue Bonds Sold, and Future WASD Revenue Bonds

Track Record/Monitor

WASD's Senior Advisor Capital Projects & Compliance, Lynnette Ramirez, will oversee the implementation of Amendment Number One.

Background

On May 20, 2014, the Board of County Commissioners adopted Resolution No. R-469-14, which approved award of Agreement Number 14ATSI001 to AECOM for a total contract amount not-to-exceed \$91,149,497 and a contract term of five years with two five-year options-to-renew. Resolution No. R-469-14 requires that, in the event the County: (1) opts to exercise one of the five-year options to renew or (2) increases the amount of the contract, the County Mayor must bring the item back to the Board for approval. Amendment Number One provides AECOM with the contract capacity and the time needed to continue to manage the Consent Decree Program to successful completion.

The increase in cost was associated with modifications that were made during the validation and design phase, which was first performed in December 2016. The updated construction program included additional consideration for sea level rise, the application of new technologies, and the decision to replace certain assets as opposed to rehabilitating them. The validated program had a direct effect on construction cost as well as the level of effort required of the PMCM to manage the various components of the Program. Amendment Number One does not expand the scope of the contract but reflects the added work necessary to manage a construction program that has increased by over 50 percent. Amendment Number One does not compensate AECOM for construction cost increases associated with materials. It also subtracts out tasks that were not performed by the PMCM but were contained in their original scope of services. The amounts associated with these two revisions were deducted from the updated construction cost. After these deductions, the total construction cost for purposes of calculating Amendment Number One became \$1,123,981,537. This figure represents a 53.55 percent increase over the planning level construction cost. An identical percentage increase was applied to the original PMCM contract amount of \$91,149,497, resulting in an increase of \$48,810,000.

The Consent Decree was filed on June 6, 2013 by the Department of Justice on behalf of the United States Environmental Protection Agency ("EPA"), the State of Florida and the Florida Department of Environmental Protection ("FDEP") to resolve the lawsuit against the County for violations of the Clean Water Act, the National Pollutant Discharge Elimination System Permit, and the Florida Air and Water Pollution Control Act

From the contract's inception to date, 27 out of 81 original Consent Decree projects have been completed at a total cost of \$345 million; 45 projects are currently in the construction and procurement phases at a total cost of \$1.3 billion; and nine projects remain in the planning, design and permitting phases at a total cost of \$187 million. No stipulated penalties have been assessed by the EPA or FDEP to date, and all projects remain on track to be completed within the 15-year period established by the Consent Decree. The status of the Consent Decree projects has been updated on a monthly basis in the Department's Transparency Reports submitted to the Board. A copy of the most recent report from December 2018 is attached hereto as Exhibit "B."

The PMCM team is comprised of 20 percent AECOM direct employees and 80 percent subconsultants from 11 active separate firms. Six of the subconsultants are small business firms and comprise over 40 percent of the total PMCM staff.

Company Principal Address:	AECOM Technical Services, Inc. 1999 Avenue of the Stars, Suite 2600 Los Angeles, CA 90067
Company Headquarters in Miami-Dade County:	800 South Douglas Road, North Tower 2 Floor, Coral Gables, Florida 33134
Total Number of Employees:	40,000 (United States)
Total of employees in Miami-Dade County:	450
Percentage of vendor employees who reside in Miami-Dade County as compared to the vendor's total workforce per R-1011-15:	1.1 percent
Principal Company Qualifiers:	Mark S. Blanchard, President
How Long in Business:	24 Years
Previous Agreements with the County Within the Past Three (3) Years Per R-421-16:	According to the Firm History Report provided by the Internal Services Department's (ISD) Division of Small Business Development AECOM Technical Services, Inc. has been awarded seven contracts with Miami-Dade County with a total contract value of \$29,182,150 (See Exhibit "C" as attached).
County Evaluations within the Past	Based on ISD's CIIS database, AECOM Technical

Three Years Per R-421-16:	Services, Inc. has 38 evaluations with an average rating of 3.7 points out of a maximum score of 4.0 points. (See Exhibit "D" as attached).
Original Term of Agreement:	Five years with two five-year options-to-renew. The County Mayor shall seek approval from the Board to exercise the option to renew.
Modified Term of Agreement:	Exercising the one five-year option-to-renew to May 21, 2024.
Original Amount of Agreement:	\$91,149,497.00
Modification Amount of Agreement:	\$48,810,000.00
Total Modified Contract Amount:	\$139,959,497.00
Percent Increase Per Amendment Number One:	53.55 percent


Subconsultants

300 Engineering Group, P.A. (SBE); Cardozo Engineering, Inc. (SBE); CPM North America PLLC; Gannett Fleming, Inc.; HBC Engineering Company; EAV Consulting, Inc.; EV Services, Inc.; John Proni; JRD & Associates, Inc.; New Millennium Engineering, Inc.; Parsons Transportation Group Inc.; Program Controls, Inc. (SBE); Robayna and Associates, Inc. (SBE); Ruding Corporation; The Consulting Group of South Florida, Inc.; The Vailon Group, Inc.; Wingerter Laboratories Inc.; Wodraska Partners, Inc.

Small Business Development

The Small Business Enterprise (SBE) goal participation of 28 percent for Architectural and Engineering services was assigned to the original Agreement. Amendment Number One does not change the scope of work of the contract. As such, the 28 percent SBE goal remains the same for Amendment Number One.

Additionally, Resolution No. R-1001-15 requires 85 percent of the SBE goal applicable to the portion of the contract work performed to date to be met before the Board considers a change order/amendment. SBD verified that AECOM is currently in compliance with the 85 percent requirement based on work performed/requisitioned. (See Exhibit "E" as attached).



Jack Osterholt
Deputy Mayor

EXHIBIT A

FY 2018 - 19 Adopted Budget and Multi-Year Capital Plan

WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS
PROJECT #: 964120

DESCRIPTION: Design, construct, and rehabilitate infrastructure at wastewater treatment plants to comply with EPA Consent Decree
LOCATION: Various Sites
 Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	FUTURE	TOTAL
Future WASH Revenue Bonds	0	49,402	112,753	147,147	157,382	154,897	116,475	301,961	1,040,017
WASH Revenue Bonds Sold	274,524	0	0	0	0	0	0	0	274,524
Wastewater Renewal Fund	34,512	0	0	0	0	0	0	0	34,512
TOTAL REVENUES:	309,036	49,402	112,753	147,147	157,382	154,897	116,475	301,961	1,349,053
EXPENDITURE SCHEDULE:	PRIOR	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	FUTURE	TOTAL
Construction	249,391	94,710	108,243	141,262	151,007	148,701	111,816	289,883	1,295,093
Major Machinery and Equipment	2,598	986	1,127	1,471	1,574	1,549	1,165	9,059	19,529
Planning and Design	7,793	2,960	3,383	4,414	4,721	4,647	3,494	3,019	34,431
TOTAL EXPENDITURES:	259,782	98,656	112,753	147,147	157,382	154,897	116,475	301,961	1,349,053

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$50,000,000

WASTEWATER TREATMENT PLANTS - MISCELLANEOUS UPGRADES
PROJECT #: 9652061

DESCRIPTION: Upgrade wastewater treatment plants to meet regulatory requirements
LOCATION: Wastewater Treatment Plants
 Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	FUTURE	TOTAL
Future WASH Revenue Bonds	0	488	1,793	1,160	1,000	0	0	0	4,441
WASH Revenue Bonds Sold	200	0	0	0	0	0	0	0	200
TOTAL REVENUES:	200	488	1,793	1,160	1,000	0	0	0	4,641
EXPENDITURE SCHEDULE:	PRIOR	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	FUTURE	TOTAL
Construction	188	459	1,686	1,091	940	0	0	0	4,364
Planning and Design	12	29	107	69	60	0	0	0	277
TOTAL EXPENDITURES:	200	488	1,793	1,160	1,000	0	0	0	4,641

WASTEWATER TREATMENT PLANTS - REPLACEMENT AND RENOVATION
PROJECT #: 9653261

DESCRIPTION: Renovate and replace wastewater treatment plant facilities and structures within plant sites
LOCATION: Systemwide
 Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	FUTURE	TOTAL
Future WASH Revenue Bonds	0	796	796	796	796	796	796	0	4,776
WASH Revenue Bonds Sold	3,791	0	0	0	0	0	0	0	3,791
Wastewater Renewal Fund	41,754	15,000	10,000	10,000	10,000	10,000	10,000	10,000	116,754
Wastewater Special Construction Fund	2,999	0	0	0	0	0	0	0	2,999
TOTAL REVENUES:	48,544	15,796	10,796	10,796	10,796	10,796	10,796	10,000	128,320
EXPENDITURE SCHEDULE:	PRIOR	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	FUTURE	TOTAL
Construction	45,546	15,578	10,256	10,256	10,256	10,256	10,256	9,500	121,903
Major Machinery and Equipment	479	164	108	108	108	108	108	100	1,283
Planning and Design	1,918	656	432	432	432	432	432	400	5,134
TOTAL EXPENDITURES:	47,942	16,398	10,796	10,796	10,796	10,796	10,796	10,000	128,320

WASD TRANSPARENCY REPORT - Exhibit B

Status of Consent Decree Projects for December 2018

Overall Regulatory Project Completion Date - 9/27/2027

Sewer Facility	Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Project Estimated Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
South District WWTP	1.1	Headworks	728,343		4/4/2015	2/2/2015		2/23/2020	
	1.2	Oxygen Production	7,549,529		1/1/2015	4/9/2015		2/25/2022	
	1.3	Oxygenation Trains	18,121,319		1/1/2016	2/2/2015		11/16/2025	
	1.4	Chlorine Building	2,520,707		12/1/2018	7/17/2018		8/7/2023	
	1.5	Effluent Pump Station	27,010,183		9/1/2016	11/19/2013		4/7/2022	
	1.6	Gravity Sludge Thickeners	5,246,274		7/3/2014	7/3/2014		1/6/2023	
	1.7	Digesters and Control Buildings	48,532,291		11/1/2013	7/3/2014		11/2/2023	
	1.8	Dewatering Facility	16,608,534		10/22/2014	4/13/2015		1/6/2023	
	1.9	FOG Removal Facility	928,077		11/1/2013	7/8/2014		5/24/2019	
	1.10	Odor Control	8,130,067		12/1/2018	9/15/2018		4/23/2023	
	1.11	General Electrical	12,165,144		11/1/2016	4/9/2015		3/26/2021	
	1.12	Chlorine Contact Chamber Structural	6,935,601		8/1/2016	10/1/2015		6/18/2021	
	Subtotal:	154,476,068							
Central District WWTP	2.1	Electrical Improvements	28,392,361		1/1/2017	6/1/2014		6/1/2021	
	2.2	Building improvements	5,673,576		3/26/2014	3/26/2014		9/26/2019	
	2.3	Headworks Plant 1	20,637,859		9/1/2014	10/6/2014		3/16/2019	
	2.4	Headworks Plant 2	20,891,336		9/1/2014	10/6/2014		8/23/2019	
	2.5	Oxygenation Trains Plant 1	6,882,836	4,547,528	3/1/2011	3/1/2011	6/15/2018	4/7/2019	Completed.
	2.6	Oxygenation Trains Plant 2	15,957,546		3/1/2011	3/1/2011		4/7/2022	
	2.7	Secondary Clarifiers Plant 1	4,919,245		4/1/2021	4/1/2018		8/15/2026	
	2.8	Secondary Clarifiers Plant 2	7,242,220		6/1/2016	3/10/2016		12/1/2024	
	2.9	RS Pump Stations Plant 1	9,441,453		6/1/2016	7/31/2018		8/15/2026	
	2.10	RS Pump Stations Plant 2	14,310,201		1/1/2017	8/24/2016		12/1/2024	
	2.11	Effluent Pump Station	9,926,072		10/3/2016	4/30/2015		6/21/2021	
	2.12	Sludge Thickeners Plant 1	11,156,240		6/1/2014	6/1/2014		1/13/2023	
2.13	Sludge Thickeners Plant 2	9,352,318		5/1/2020			1/19/2026		
2.14	Digesters Plant 1	60,684,546		6/1/2014	6/1/2014		6/18/2023		
2.15	Digesters Plant 2	122,761,868		6/1/2014	6/1/2014		1/13/2023		
2.16	Dewatering Building	99,952,854		6/1/2016	5/1/2015		10/15/2018	Completed.	
2.17	Chlorination Facilities	16,713,956	19,845,494	10/1/2013	10/1/2013	7/27/2018	10/15/2018	Completed.	
2.18	Odor Control Systems	20,208,323		10/1/2016	10/6/2014		1/13/2023		
2.19	Co-Gen Facility	30,311,204		11/22/2012	11/22/2012		5/21/2020		
2.20	Septage Unloading	29,061,616		11/1/2018			6/3/2022	Project is cancelled.	
2.21	Pump Station 1	11,575,513		10/1/2016	8/13/2015		2/26/2021		
2.22	Pump Station 2	5,371,361		10/1/2013	4/15/2015		5/25/2019		
2.23	O2 Plant Process Controls Phase 2	482,909	661,861	10/1/2013	10/1/2013	10/14/2016	3/9/2017	Completed	
2.24	Gas Monitoring	334,913	1,013,808	3/7/2015	4/15/2015	9/29/2017	9/29/2017	Completed.	
2.25	Ventilation Improvements	2,766,973		1/1/2021	6/11/2014		2/27/2025		
2.26	Rehabilitation of Walkways and Stairways	2,685,405		10/1/2013	10/1/2013		9/27/2027		
2.27	Oxygen Production	26,503,191		1/1/2015	4/16/2015		2/13/2022		
2.28	SCADA RTU Upgrades	396,000	341,545	10/1/2013	10/1/2013		3/29/2014	Completed	
2.29	High Strength Inflow Impact Study	1,544,400	1,042,081	2/12/2013	2/12/2013		6/5/2014	Completed	
	Subtotal:	596,338,296	27,452,317						

WASD TRANSPARENCY REPORT

Status of Consent Decree Projects for December 2018

Overall Regulatory Project Completion Date - 9/27/2027

Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Project Estimated Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
3.1	Headworks and Sludge Dewatering Transfer	31,777,875	29,591,626	3/20/2013	3/20/2013	12/6/2017	4/7/2018	Completed
3.2	Primary Clarifiers and Odor Control	47,630,971		5/5/2015	9/3/2014		4/6/2023	
3.3	Oxygenation Trains	26,824,143		1/1/2019	6/4/2018		3/6/2026	
3.4	Oxygen Production	7,139,589		4/1/2020	6/4/2018		3/6/2026	
3.5	Secondary Clarifiers	81,645,502		12/1/2018	8/28/2014		8/24/2027	
3.6	Disinfection	18,721,749		4/21/2014	4/21/2014		9/9/2020	
3.7	Effluent Disposal	27,500,829	6,295,427	8/5/2014	2/21/2014	6/29/2018	12/28/2021	Completed.
3.8	Plant Wide Electrical	18,859,689		5/21/2014	5/1/2014		8/20/2022	
3.9	Flood Mitigation	4,327,589	726,074	4/21/2014	5/1/2014	6/24/2016	8/13/2017	Completed
3.10	Yard Piping Replacement	4,901,560	214,249	1/1/2015	4/5/2015	5/24/2016	12/4/2021	Completed
3.11	SCADA RTU Upgrades	1,200,320	971,666	10/1/2013	9/30/2013	11/25/2014	3/24/2015	Completed
	Subtotal:	270,529,817	37,799,042					
4.1	Collection System I/I Repairs	138,538,762		10/1/2013	10/1/2013		9/27/2027	
4.2	Government Cut FM - Phase 1 & 2	35,187,000	101,808,037	10/1/2012	10/1/2011	9/30/2013	9/30/2013	This project started on 03/23/2009, at the time, this project was not a Consent Decree project. This project became a Consent Decree project on October 1, 2012, while the negotiations were taking place with the State and the Federal Government regarding the Consent Decree. Approximately \$59 million was spent between 03/23/2009 and 10/1/2012 for work related to the installation of the 60-inch sewer force main and the 20-inch water main. In addition, other expenses included extending the 60-inch sewer force main from the water shaft to South Pointe Park and to the Alton Road tie-in. After this project was added as a Consent Decree project in October 2012, only \$35 million was required to complete the project.
4.3	Government Cut FM - Phase 3	117,376,121	88,132,717	10/1/2012	1/30/2013	11/23/16	4/8/2017	Completed
4.4	North Dade 72 inch PCCP FM Rehabilitation	23,764,116	20,498,852	10/1/2013	2/1/2013	5/5/2016	3/5/2018	Completed
4.5	South Dade 54 inch PCCP FM Rehabilitation	18,570,705	38,225,981	8/5/2014	8/5/2014	9/14/2018	12/23/2018	Completed
4.6	Replacement of Tamiami Canal Aerial Crossing FMs at NW 37th Ave	727,443	659,199	10/1/2013	12/11/2012	8/11/2014	10/29/2016	Completed
4.7	Replacement of 18 inch DIP FM in Miami Lakes	2,323,333	1,009,622	11/1/2013	3/11/2012	12/7/2015	4/9/2017	Completed
4.8	Rehabilitation of 54 inch PCCP FM in the City of Miami	10,842,213	16,955,361	10/6/2014	3/12/2015	6/16/2017	5/28/2017	Completed. On January 11, 2018, the EPA decided not to assess penalties for this project due to Force Majeure events. On September 14, 2017, the EPA approved a final completion date for CD 4.8 of May 28, 2017.
4.9	Replace Approximately 30 miles of AC FM Transmission System	52,708,893		11/1/2013	8/28/2012		10/17/2020	
4.10	Ops-Locks Airport 48" PCCP force main replacement	23,668,622	17,201,757	10/6/2014	12/17/2014	5/11/2018	10/25/2018	Completed.
	Subtotal:	423,707,208	284,491,525					

WASD TRANSPARENCY REPORT

Status of Consent Decree Projects for December 2018

Overall Regulatory Project Completion Date - 9/27/2027

Sewer Facility	Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Project Estimated Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
Sewer Pump Station Systems	5.1	Upgrade of PS#0418	23,877,869		11/1/2013	11/1/2013		10/22/2019	
	5.2	Upgrade of PS#0691	6,007,492		10/7/2014	11/26/2014		1/27/2019	On April 14, 2016, the EPA and FDEP approved Miami-Dade's request to modify the scope of this project to read, "Connect the City of Homestead's PSI, once completed, to the South District Wastewater Treatment Plant (SDWWTP) Transmission System and decommission PS 0691". WASD will monitor the Homestead project to comply with the EPA schedule.
	5.3	Upgrade of PS#0692	6,007,492		10/7/2014	11/26/2014		6/17/2020	
	5.4	Replacement of Switchgear PS#0414	1,481,438		10/7/2014	2/9/2015		6/15/2019	
	5.5	Replacement of Switchgear and Rehabilitation of Wet well PS#0415	4,805,995		10/7/2014	2/9/2015		9/2/2019	
	5.6	Replacement of Switchgear PS#0416	1,481,438		10/7/2014	2/6/2015		6/13/2019	
	5.7	Replacement of Switchgear and Rehabilitation of Wet well PS#0417	3,203,999		10/7/2014	2/6/2015		7/25/2020	
	5.8	Replacement of Electrical and Mechanical Equipment in PS#0107	4,004,992	2,091,278	10/7/2014	6/9/2015	2/3/2018	1/27/2019	Completed.
	5.9	Replacement of Plumbing and Electrical Equipment at PS#0301	4,543,072		10/7/2014	11/24/2014		1/24/2022	Scope of the project has changed. A change request was submitted to EPA for approval.
	5.10	Upgrade of PS#0488	2,962,877	868,240	10/7/2014	4/3/2015	12/8/2016	5/9/2018	Completed
	5.11	Installation of 48-inch FM from Kendall Dr. to the suction side of PS 0536.	5,925,746		10/7/2014	12/17/2014		5/18/2019	
	5.12	Replacement of Switchgear at PS#0187	3,555,449		10/7/2014	2/25/2015		3/26/2019	
	5.13	Refurbish Emergency Generators and Controls at Regional Pump stations	3,054,141	543,066	9/2/2014	9/12/2014	2/4/2016	7/20/2016	Completed
	5.14	Upgrade of PS #0086, 0492	2,127,389	1,216,965	10/8/2012	3/19/2012	12/31/2013	12/31/2013	Completed
	5.15	Upgrade of PS #0065, 0201, 0334, 0374, 0607	5,835,671	5,945,642	1/1/2014	12/12/2010	12/30/2015	12/31/2015	Completed
	5.16	Upgrade of PS #00198, 0437, 0466, 0680	3,806,369	3,310,533	1/2/2015	5/1/2015	1/24/2018	12/31/2018	Completed.
	5.17	Upgrade of PS #0037, 0351, 0370, 0403	5,371,342	4,273,566	1/2/2016	12/22/2015	4/30/2018	11/20/2018	Completed.
	5.18	Upgrade of PS #0441, 0491, 0710, 0827, 0852, 1236	7,526,751		3/15/2017	3/9/2017		12/13/2019	
	5.19	SCADA RTU Upgrades	10,003,462	5,148,595	10/1/2013	10/1/2013	11/23/2015	3/18/2016	Completed
	Subtotal:	105,582,981	23,397,886						
	Total Project Expenses:	1,550,634,370	373,140,770					9/27/2027	

1) On 4/11/2018, the EPA approved our request to modify specific project regulatory completion dates. These new dates are being reflected in this Transparency report.

2) Schedule and cost information based on Consent Decree, November data.

Stipulated Penalties Notices from FDEP for Sanitary Sewer Overflow (SSO) Events.

Agency	Demand Letter Date	Penalty	Description of the event	Remarks
N/A			No Stipulated Penalty Notices or Payments this reporting period.	
			Total Stipulated Penalties: \$	

*EPA/FDEP will be notified of paid stipulated penalties. Stipulated penalties payments to be distributed. 50% payable to the EPA, and 50% payable to FDEP.



MIAMI DADE COUNTY
 Small Business Development
 A&E Firm History Report

From: 01/01/2016 To: 01/25/2019

FIRM NAME: AECOM TECHNICAL SERVICES, INC. F/K/A EARTH TECH, INC.
 800 Douglas Entrance North Tower, 2nd Fl
 Coral Gables, FL 33134-0000

PRIMES

PROJECT#	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
E14-RER-03	2	PE	GOAL CBE 15% GOAL SBE 7%	12/08/2016	\$5,300,000.00
ENVIRONMENTAL CLEANUP, COMPLIANCE AND RELATED SERVICES FOR MIAMI-DADE COUNTY FACILITIES					
E15-SEA-02 / 2016-007	1	SP	GOAL CBE 15% NON-EXCLUSIVE PROFESSIONAL-SERVICES AGREEMENT FOR PROGRAM MANAGEMENT CONSULTANT SERVICES	01/24/2017	\$5,500,000.00
E16-DTPW-02					
PROFESSIONAL SERVICES AGREEMENT FOR ENGINEERING SERVICES FOR DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS CAPITAL IMPROVEMENT PLAN (2)					
E16-DTPW-02	2	MT		03/07/2017	\$11,000,000.00
EDP-MT-SR-MPS-296					
E16-DTPW-02	1	MT	NO MEASURE	03/29/2017	\$207,000.00
RAIL CROSSINGS IMPROVEMENTS 42ND ST AND 36TH ST					
A15-PROS-01 G0B					
A15-PROS-01 G0B	1	PR	GOAL CBE 33%	05/01/2017	\$2,304,050.00
PROS FULL SERVICES PSA - COASTAL PARKS NORTH					
A15-PROS-01 G0B					
A15-PROS-01 G0B	1	PR	GOAL CBE 33%	05/01/2017	\$2,304,050.00
PROS FULL SERVICES PSA - COASTAL PARKS NORTH					





MIAMI DADE COUNTY
Small Business Development
A&E Firm History Report

From: 01/01/2016 To: 01/25/2019

FIRM NAME: AECOM TECHNICAL SERVICES, INC. F/K/A EARTH TECH, INC.
 800 Douglas Entrance North Tower, 2nd Fl
 Coral Gables, FL 33134-0000

PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
A15-PROS-06 GOB	1	PR	GOAL CBE 33% GOAL SBE 4%	05/01/2017	\$3,450,550.00
					<u>\$3,450,550.00</u>
A15-PROS-07 GOB ESP	1	PR	GOAL CBE 25% GOAL SBE .87%	05/01/2017	\$3,420,550.00
					<u>\$3,420,550.00</u>
				Total Award Amount	\$29,182,150.00
				Total Change Orders Approved by BCC	\$0.00

10

EXHIBIT D

Evaluation Date Start: End:



Capital Improvements Information System
Contractor Evaluations Report (All Contracts)

Dept	Contract	Type	Contractor / Architect Name	Date	Rater	Period	Rate
PE	E14-RER-03- AECOM WO: 002- D14/03-AECO	PSA	AECOM Technical Services, Inc.	8/6/2018	Josua Carias	Interim	<u>2.9</u>
SP	E11-SEA-03 WO: 16	PSA	AECOM Technical Services, Inc.	7/31/2017	Robert Stebbins Jr.,	Interim	<u>4.0</u>
WS	E13-WASD-01- R WO: 14.02	PSA	AECOM Technical Services, Inc.	8/31/2017	Daniel Edwards	Project conclusion or closeout	<u>3.1</u>
WS	E13-WASD-01- R WO: 4.02(A)	PSA	AECOM Technical Services, Inc.	11/14/2017	Daniel Edwards	Completion of study or design	<u>3.6</u>
WS	E13-WASD-01- R WO: 09	PSA	AECOM Technical Services, Inc.	1/4/2018	Huren An (Jeff)	Completion of study or design	<u>3.6</u>
WS	E13-WASD-01- R WO: 01 rev 3	PSA	AECOM Technical Services, Inc.	2/2/2018	Daniel Edwards	Project conclusion or closeout	<u>3.5</u>
WS	E13-WASD-01- R WO: 15.02(B)	PSA	AECOM Technical Services, Inc.	2/6/2018	Margaret Hawkins Moss	Completion of study or design	<u>3.6</u>
WS	E13-WASD-01- R WO: 3.02(A)	PSA	AECOM Technical Services, Inc.	2/6/2018	Daniel Edwards	Project conclusion or closeout	<u>3.3</u>
WS	E13-WASD-01- R WO: 2.02(B)	PSA	AECOM Technical Services, Inc.	2/22/2018	Sherry Negahban	Completion of study or design	<u>4.0</u>
WS	E13-WASD-01- R WO: 5.02(A)	PSA	AECOM Technical Services, Inc.	3/26/2018	Daniel Edwards	Completion of study or design	<u>3.1</u>
WS	E13-WASD-01- R WO: 08	PSA	AECOM Technical Services, Inc.	6/22/2018	Daniel Edwards	Completion of study or design	<u>4.0</u>
WS	E07-WASD-09 WO: 15	PSA	AECOM Technical Services, Inc.	8/18/2018	Lin Li	Project conclusion or closeout	<u>3.9</u>
WS	E13-WASD-01- R	PSA	AECOM Technical Services, Inc.	10/4/2018	Huren An (Jeff)	Completion of study or design	<u>4.0</u>
WS	E13-WASD-01- R WO: 3.02(B)	PSA	AECOM Technical Services, Inc.	11/12/2018	Daniel Edwards	Completion of study or design	<u>3.3</u>
WS	E13-WASD-01- R WO: 14.02(A)	PSA	AECOM Technical Services, Inc.	11/15/2018	Daniel Edwards	Completion of study or design	<u>3.0</u>
WS	E13-WASD-01- R WO: 2.03	PSA	AECOM Technical Services, Inc.	1/10/2019	Sherry Negahban	Completion of study or design	<u>3.8</u>
WS	E13-WASD-01- R WO: 12	PSA	AECOM Technical Services, Inc.	1/16/2019	Daniel Edwards	Completion of study or design	<u>3.8</u>
WS	E13-WASD-01- R WO: 12.02	PSA	AECOM Technical Services, Inc.	1/18/2019	Huren An (Jeff)	Completion of study or design	<u>3.9</u>
WS	E13-WASD-01- R WO: 12.02(B)	PSA	AECOM Technical Services, Inc.	1/18/2019	Huren An (Jeff)	Completion of study or design	<u>4.0</u>
WS	E07-WASD-09 WO: 10	PSA	AECOM Technical Services, Inc.	9/30/2018	Lin Li	Project conclusion or closeout	<u>3.9</u>
WS	E13-WASD-01- R WO: 10	PSA	AECOM Technical Services, Inc.	5/17/2016	Daniel Edwards	Completion of study or design	<u>4.0</u>
WS	E13-WASD-01- R WO: 04	PSA	AECOM Technical Services, Inc.	6/2/2016	Daniel Edwards	Project conclusion or closeout	<u>4.0</u>
WS	E13-WASD-01- R WO: 01	PSA	AECOM Technical Services, Inc.	12/29/2018	Daniel Edwards	Completion of study or design	<u>3.8</u>
WS	E13-WASD-01-	PSA	AECOM Technical Services, Inc.	2/14/2017	Sherry Negahban	Completion of study or design	<u>4.0</u>

WS	<u>R</u> <u>WO: 02</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	2/15/2017	Huren An (Jeff)	Completion of study or design	<u>4.0</u>
WS	<u>R</u> <u>WO: 6.01</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	2/15/2017	Daniel Edwards	Project conclusion or closeout	<u>3.8</u>
WS	<u>R</u> <u>WO: 14.01</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	2/15/2017	Daniel Edwards	Project conclusion or closeout	<u>3.7</u>
WS	<u>R</u> <u>WO: 3.01</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	3/7/2017	Daniel Edwards	Completion of study or design	<u>3.7</u>
WS	<u>R</u> <u>WO: 3.01</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	3/8/2017	Daniel Edwards	Project conclusion or closeout	<u>4.0</u>
WS	<u>R</u> <u>WO: 13</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	3/14/2017	Huren An (Jeff)	Completion of study or design	<u>3.8</u>
WS	<u>R</u> <u>WO: 9.01</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	3/21/2017	Daniel Edwards	Completion of study or design	<u>3.8</u>
WS	<u>R</u> <u>WO: 05</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	4/5/2017	Edith D. Brown	Project conclusion or closeout	<u>3.9</u>
WS	<u>R</u> <u>WO: 15.01</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	4/17/2017	Huren An (Jeff)	Completion of study or design	<u>3.0</u>
WS	<u>R</u> <u>WO: 11.01</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	4/20/2017	Huren An (Jeff)	Completion of study or design	<u>3.5</u>
WS	<u>R</u> <u>WO: 16.01</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	5/16/2017	Daniel Edwards	Project conclusion or closeout	<u>3.8</u>
WS	<u>R</u> <u>WO: 3.02</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	8/18/2017	Sherry Negahban	Completion of study or design	<u>4.0</u>
WS	<u>R</u> <u>WO: 2.02</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	7/18/2017	Daniel Edwards	Completion of study or design	<u>3.4</u>
WS	<u>R</u> <u>WO: 4.02</u> E13-WASD-01-	PSA	<u>AECOM Technical Services, Inc.</u>	7/19/2017	Huren An (Jeff)	Completion of study or design	<u>3.8</u>
	<u>R</u> <u>WO: 6.02</u>						

Evaluation Count: 38 Contractors: 1 Average Evaluation: 3.7

[Print](#) [Exit](#)

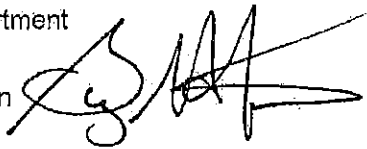
Exhibit E

Memorandum



Date: January 28, 2019

To: Kevin T. Lynskey, Director
Miami-Dade Water and Sewer Department

From: Gary T. Hartfield, Director
Small Business Development Division
Internal Services Department 

Subject: Project No. E13-WASD-01R, Program Construction Management Services Related to the Wastewater System Priority Projects

Project No. E13-WASD-01R was awarded with a 28% Small Business Enterprise - Architectural and Engineering (SBE-A/E) goal. Amendment No. 1 does not change the scope of work of the contract, as such the 28% SBE-A/E goal remains the same for Amendment No. 1.

The project was reviewed for compliance with the 28% SBE-A/E goal equal to \$25,521,859. The prime consultant, AECOM Technical Services, Inc. (AECOM) has been paid \$69,762,708 and has paid the SBE-A/E sub-consultant meeting the goal a total of \$22,690,847 to date. Resolution R-1001-15 requires 85% of the SBE goal applicable to the portion of the contract work performed to date be met before Board of County Commissioners (BCC) considers a change order/amendment. AECOM has requisitioned \$71,821,892, requiring SBE-A&E subconsultants to have performed \$17,093,610 to comply with the 85%. To date, SBE-A&E subconsultants have requisitioned \$22,695,200 in compliance with R-1001-15.

Please do not hesitate to contact Alice Hidalgo-Gato, SBD Section Chief, at 305-375-3153 if additional information is needed.

- c: Doug Yoder, Deputy Director, WASD
- Hardeep Anand, Deputy Director, WASD
- Margaret Moss, Chief, Small Business Initiatives, WASD
- Edith Brown, Chief, Contract Compliance Division, WASD
- Patty Palomo, Chief, Intergovernmental Affairs, WASD
- Alissa Penaloza, Assistant Director, Intergovernmental and Internal Operations, WASD
- Laura Verdaguer, Legislative and Municipal Affairs Manager, WASD
- Laurie Johnson, SBD Section Chief, ISD
- Alice Hidalgo-Gato, SBD Section Chief, ISD
- Tracie Auguste, SBD Section Chief, ISD



MEMORANDUM

(Revised)

TO: Honorable Chairwoman Audrey M. Edmonson
and Members, Board of County Commissioners

DATE: March 5, 2019

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Agenda Item No. 8(0)(1)

Please note any items checked.

- _____ "3-Day Rule" for committees applicable if raised
- _____ 6 weeks required between first reading and public hearing
- _____ 4 weeks notification to municipal officials required prior to public hearing
- _____ Decreases revenues or increases expenditures without balancing budget
- _____ Budget required
- _____ Statement of fiscal impact required
- _____ Statement of social equity required
- _____ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- _____ No committee review
- _____ Applicable legislation requires more than a majority vote (i.e., 2/3's _____, 3/5's _____, unanimous _____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) _____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) _____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) _____) to approve
- _____ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(0)(1)
3-5-19

RESOLUTION NO. _____

RESOLUTION APPROVING EXECUTION OF AMENDMENT NUMBER ONE TO NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT NO. 14ATSI001, PROJECT NO. E13-WASD-01R, BETWEEN MIAMI-DADE COUNTY AND AECOM TECHNICAL SERVICES, INC. IN ORDER TO: (1) CONTINUE TO PROVIDE PROGRAM AND CONSTRUCTION MANAGEMENT SERVICES RELATED TO THE CONSENT DECREE WASTEWATER SYSTEM PRIORITY PROJECTS, (2) INCREASE TOTAL COMPENSATION BY \$48,810,000.00, THEREBY INCREASING THE TOTAL CONTRACT AMOUNT FROM \$91,149,497.00 TO \$139,959,497.00, AND (3) EXERCISE THE FIRST FIVE (5) YEAR OPTION TO RENEW; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE SAME AND TO EXERCISE THE PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby approves the execution of Amendment Number One to the Non-Exclusive Professional Services Agreement No. 14ATSI001, Project No. E13-WASD-01R, between Miami-Dade County and AECOM Technical Services, Inc. (hereinafter, "Amendment Number One") in substantially the form attached hereto and made a part hereof. Amendment Number One specifically allows AECOM Technical Services, Inc. to continue to provide program and construction management services related to the Consent Decree Wastewater System Priority Projects through May 21, 2024 through the County's exercise of its first of two five (5) year options to renew. Amendment Number One also increases the contract award to AECOM Technical Services, Inc. by

\$48,810,000.00, thereby bringing total compensation for Professional Services Agreement No. 14ATSI001 up from \$91,149,497.00 to \$139,959,497.00. >>The Board hereby directs the County Mayor or County Mayor's designee to provide written reports to the Board at least every six (6) months, which reports shall include the number of Consent Decree projects currently in construction, the number of Consent Decree projects currently in procurement, the number of Consent Decree projects currently in design, the number of Consent Decree projects that have yet to be started, as well as the monies that have been expended on this Professional Services Agreement No. 14ATSI001, including the amounts paid to Small Business Enterprises and any amounts that are pending payment to Small Business Enterprises.<<¹ The Board also hereby authorizes the County Mayor or County Mayor's designee to execute the same and exercise the provisions contained therein for and on behalf of Miami-Dade County, Florida.

The foregoing resolution was offered by Commissioner _____ ,
who moved its adoption. The motion was seconded by Commissioner _____ and
upon being put to a vote, the vote was as follows:

Audrey M. Edmonson, Chairwoman	
Rebeca Sosa, Vice Chairwoman	
Esteban L. Bovo, Jr.	Daniella Levine Cava
Jose "Pepe" Diaz	Sally A. Heyman
Eileen Higgins	Barbara J. Jordan
Joe A. Martinez	Jean Monestime
Dennis C. Moss	Sen. Javier D. Souto
Xavier L. Suarez	

¹ Committee amendments are indicated as follows: Words stricken through and/or [[double bracketed]] are deleted, words underscored and/or >>double arrowed<< are added.

The Chairperson thereupon declared this resolution duly passed and adopted this 5th day of March, 2019. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

SED

Sarah E. Davis

AMENDMENT NUMBER ONE
TO
NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT
BETWEEN MIAMI-DADE COUNTY
AND
AECOM TECHNICAL SERVICES, INC.

Agreement No. 14ATSI001

THIS AMENDMENT NUMBER ONE is made and entered into the _____ day of _____, 2019, by and between Miami-Dade County, a political subdivision of the State of Florida (hereinafter referred to as the "COUNTY"), and AECOM TECHNICAL SERVICES, INC., a California corporation authorized to do business in the State of Florida and with offices in Miami-Dade County (hereinafter referred to as the "PROGRAM MANAGER," and collectively with the COUNTY, the "Parties").

WITNESSETH

WHEREAS, the Miami-Dade Water and Sewer Department, hereinafter referred to as the "Department", operates and maintains the COUNTY's water and sewer utility systems; and

WHEREAS, the COUNTY (through the Department) must comply with the regulatory deadlines and milestones to remediate its aging wastewater infrastructure as specified in the Consent Decree lodged on June 6, 2013 in Case No. 1:12-cv-24400-PAM in the United States District Court for the Southern District of Florida between the County and the United States Environmental Protection Agency, the State of Florida, and Florida Department of Environmental Protection (hereinafter, the "Consent Decree"); and

WHEREAS, the Department recognized the need to retain a consultant to implement and manage the wastewater priority projects stipulated under the Consent Decree; and

WHEREAS, on May 20, 2014, the Board of County Commissioners adopted Resolution R-469-14 for approval of a Non-Exclusive Professional Services Agreement (hereinafter referred to as the "Agreement"), with AECOM Technical Services, Inc. for Program and Construction Management Services related to the Wastewater System Priority Projects, in an amount not-to-exceed \$91,149,497, with a total contract term of five years and two five-year options-to-renew; and

WHEREAS, to date, the PROGRAM MANAGER has completed 27 out of 81 original Consent Decree projects for a total cost of \$345,000,000; has 45 projects currently in the construction and procurement phases for a total cost of \$1.3 billion; and has nine projects remaining in the planning, design and permitting phases for a total cost of \$187,000,000; and

WHEREAS, the construction cost of the Consent Decree Program increased from \$732,000,000 as estimated during the planning and solicitation process to \$1.163 billion following scope and project cost updates during the design phase; and

WHEREAS, this construction cost increase has a direct impact on the efforts associated with the management of the Consent Decree Program due to the need to manage a greater scope and amount of work; and

WHEREAS, the compensation increase to the PROGRAM MANAGER in Amendment Number One correlates directly with the increase in the construction cost; and

WHEREAS, the COUNTY requested that the PROGRAM MANAGER continue to provide services to manage the design, procurement, construction and commission of the capital projects stipulated under the Consent Decree; and

WHEREAS, Amendment Number One provides the PROGRAM MANAGER with the contract capacity and the time needed to continue the successful completion of the Consent Decree, which will, in turn, stimulate growth in the local economy; and

WHEREAS, this Amendment Number One to the Agreement will: (1) increase the total compensation amount for the Agreement by \$48,810,000 and (2) exercise the first of the two five-year options to renew, thereby extending the contract period from May 21, 2019 to May 21, 2024.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the COUNTY and the PROGRAM MANAGER hereby agree to the following:

1. Section 10 of the Agreement is hereby modified to state as follows:

10. COMPENSATION FOR SERVICES:

* * * *

10.D. MAXIMUM COMPENSATION: The total of all payments to the PROGRAM MANAGER pursuant to this Agreement shall not exceed one hundred thirty-nine million nine hundred fifty-nine thousand four hundred ninety-seven dollars (\$139,959,497). No minimum amount of compensation is guaranteed to the PROGRAM MANAGER. Notwithstanding the foregoing, nothing contained herein is intended as a guaranteed maximum price for the performance of the Services, rather all such Services and the costs associated with same are to be further outlined in subsequent Task Orders. The Maximum Compensation may not be increased for the entire duration of this AGREEMENT except through written amendment hereto approved by the Board of County Commissioners.

10.E. CONTINGENCY ALLOWANCE ACCOUNT: There is no contingency allowance account under this Amendment Number One.

3. Section 23 of the Agreement is modified to state as follows:

23. DURATION OF AGREEMENT: This Agreement shall remain in full force and effect until May 21, 2024. The AGREEMENT has an option to extend, at the discretion of the County Mayor or County Mayor's designee subject to approval of the Board of County Commissioners, for one (1) five (5) year option-to-renew so long as the maximum compensation set forth in Section 10.D has not

been reached by the completion of the effective term. Actual completion of the services authorized prior to the expiration date may extend beyond such term and shall be subject to the same terms and conditions set forth in this AGREEMENT, including but not limited to, indemnification and insurance. This AGREEMENT may be terminated by mutual consent of the parties hereto, or as otherwise provided herein. The performance of specifically and properly authorized services that may extend beyond this AGREEMENT's effective term shall be compensated in accordance with Section 10 herein.

* * * *

All terms, covenants and conditions of the Agreement not expressly modified or revised herein shall remain in full force and effect.

(the remainder of this page was intentionally left blank)

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment Number One, by having the same signed by their duly authorized representatives, the day and year first written above.

ATTEST:

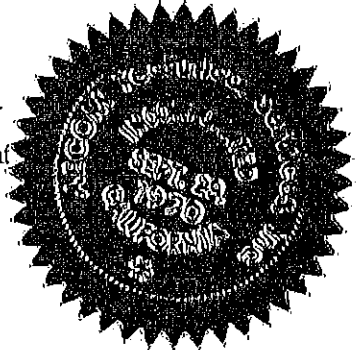
HARVEY RUVIN,
CLERK OF THE BOARD

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY
COMMISSIONERS

By: _____ By: _____
Deputy Clerk Carlos A. Gimenez
Mayor

ATTEST: AECOM TECHNICAL SERVICES, INC.
A California Corporation (SEAL)

By: [Signature] By: [Signature]
Mark S. Abbott Mark S. Blanchard
Print Name Secretary Vice President
President



STATE OF Florida
COUNTY OF MIAMI-DADE

The foregoing instrument was acknowledged before me this 30 day
of JANUARY, 2019, by MARK S. BLANCHARD
as Vice President and MARK ABBOTT, as Secretary, of
AECOM Tech Servs. Inc. a _____ Corporation, on behalf of the Corporation.
He/She/They is/are personally known to me or has/hasn't/have/haven't produced identification
and did/did not take an oath.

[Signature]
Notary Public
JANICE BROWN
Print Name

GG 036140
Serial Number
JANICE BROWN
Notary Public - State of Florida
Commission # GG 036140
My Comm. Expires Jan 28, 2021
Bonded through National Notary Assn.

Approved by County Attorney
As to form and legal sufficiency:

SOMER ELLIOTT SAUNDERS 2/11/19
Assistant County Attorney