



**BOARD OF SUPERVISORS AGENDA ITEM REPORT**  
**CONTRACTS / AWARDS / GRANTS**

Award  Contract  Grant

Requested Board Meeting Date: 04/17/2018

\* = Mandatory, information must be provided

or Procurement Director Award

**\*Contractor/Vendor Name/Grantor (DBA):**

Achen Gardner Construction, LLC; B&F Contracting, Inc.; KE&G Construction, Inc.

**\*Project Title/Description:**

Job Order Master Agreement: Wastewater Conveyance System and Related Facilities Maintenance, Repair, Rehabilitation & Construction Services

**\*Purpose:**

Amendment of Award: Master Agreement No. MA-PO-18-018 Amendment No. One (1). This amendment increases the annual award from \$15,000,000.00 to \$18,000,000.00 to allow funding for completion of scheduled rehabilitation Job Order projects. Administering Department: Regional Wastewater Reclamation.

This is an indefinite delivery/indefinite quantity job order master agreement. For projects estimated at less than \$200,000.00, the department may select a contractor based on availability, specialty or other such basis as the department may determine in its sole discretion. For projects estimated at \$200,000.00 or more, all contractors will be given the opportunity to compete on the basis of cost or cost and schedule through a request for quotation. No individual job order may exceed \$1,000,000.00.

**\*Procurement Method:**

Pursuant to Solicitation for Qualifications No. 254554, on 08/01/17, the Board of Supervisors awarded a master agreement for these services in the annual amount of \$15,000,000.00 for an agreement term of 08/01/17 to 07/31/18.

Attachments: Amendment No. One (1) and Department Memorandum dated 04/02/18 with project list.

**\*Program Goals/Predicted Outcomes:**

This job order master agreement provides Regional Wastewater Reclamation Department the resources to provide construction-related services for the repair, rehabilitation, re-construction and emergency responses to critical components within the public sewer conveyance system.

**\*Public Benefit:**

The resources provided address critical issues derived from the Conveyance System Assessment Program per requirements from Arizona Department of Environmental Quality (ADEQ) through compliance with the Capacity, Management, Operation & Maintenance (CMOM) plan. The Arizona Aquifer Protection Permit (APP) established the CMOM requirements for Arizona. Through CMOM, Regional Wastewater Reclamation Department is required to provide a system condition assessment of the entire conveyance system every 10 years. This assessment identifies structural and operational issues within the conveyance system. As structural conditions are discovered they are to be repaired or, at a minimum, identified and monitored until further degradation elevates to a point requiring repair. Regional Wastewater Reclamation Department operates the assessment program based on National Association of Sewer Service Companies (NASSCO) standards for condition ratings, i.e.; 1 - being good through 5 - being imminent failure.

**\*Metrics Available to Measure Performance:**

1. Monthly review of the contractor progress schedule of ongoing job orders with each job order contractor.
2. Maintenance of a job order management spreadsheet to track monthly and annual number of pipeline point repairs, pipeline Cured In Place Pipe (CIPP) liner installation, manhole repairs and miscellaneous job orders.
3. Monthly review of invoicing status per job order.

**\*Retroactive:**

No

**Contract / Award Information**

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Contract Number (i.e.,15-123): \_\_\_\_\_  
Effective Date: \_\_\_\_\_ Termination Date: \_\_\_\_\_ Prior Contract Number (Synergen/CMS): \_\_\_\_\_  
 Expense Amount: \$\* \_\_\_\_\_  Revenue Amount: \$ \_\_\_\_\_

**\*Funding Source(s) required:**

Funding from General Fund?  Yes  No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

Contract Is fully or partially funded with Federal Funds?  Yes  No

**\*Is the Contract to a vendor or subrecipient?**

Were insurance or indemnity clauses modified?  Yes  No

If Yes, attach Risk's approval

Vendor is using a Social Security Number?  Yes  No

If Yes, attach the required form per Administrative Procedure 22-73.

**Amendment / Revised Award Information**

Document Type: MA Department Code: PO Contract Number (i.e.,15-123): 18-018

Amendment No.: One (1) AMS Version No.: Two (2)

Effective Date: 04/17/2018 New Termination Date: \_\_\_\_\_

Prior Contract No. (Synergen/CMS): \_\_\_\_\_

Expense or  Revenue  Increase  Decrease Amount This Amendment: \$ 3,000,000.00

Is there revenue included?  Yes  No If Yes \$ \_\_\_\_\_

**\*Funding Source(s) required:** Regional Wastewater Reclamation Department Obligations

Funding from General Fund?  Yes  No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

**Grant/Amendment Information (for grants acceptance and awards)**  Award  Amendment

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Grant Number (i.e.,15-123): \_\_\_\_\_

Effective Date: \_\_\_\_\_ Termination Date: \_\_\_\_\_ Amendment Number: \_\_\_\_\_

Match Amount: \$ \_\_\_\_\_  Revenue Amount: \$ \_\_\_\_\_

**\*All Funding Source(s) required:**

\*Match funding from General Fund?  Yes  No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

\*Match funding from other sources?  Yes  No If Yes \$ \_\_\_\_\_ % \_\_\_\_\_

**\*Funding Source:** \_\_\_\_\_

**\*If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?**

Contact: Keith E. Rogers  
Department: Procurement Telephone: 724-3542  
Department Director Signature/Date: [Signature] 4/11/18  
Deputy County Administrator Signature/Date: [Signature] 4/11/18  
County Administrator Signature/Date: [Signature] 4/11/18  
(Required for Board Agenda/Addendum Items)

# JOC Master Agreement Amendment

Complete list of all RWRD in need of rehabilitation. Total Estimated Cost to rehabilitate all assets is \$117 million.

WC#	Upstream Manhole	Downstream Manhole	Compxey	Installed Date	Address	Pipe Diameter	Pipe Type	Pipe Length	Area	Maint. Type	Problem	Recommendation	Cost of Asset	On Going Project Cost
2502451	7144*01	9907-139	86194	1/1/1938	2833 E 4th St	8	VCP	375	14-14-08NE	Line	Recommend CIPP due to multiple cracks, fractures, and broken pipe(166').	CIPP	\$ 46,875.00	\$ 46,875.00
	7144*01		28647	1/1/1938	2833 E 4th St				14-14-08NE	MH	Remove cleanout and install terminal manhole for CIPP.	MH Install	\$ 10,000.00	\$ 56,875.00
2502459	8042-09A	9907-133	88973	1/1/1947	2900 E 3rd St	8	VDP	437	14-14-08NE	Line	Recommend CIPP due to DIP corrosion and multiple fractures and cracks throughout pipe.	CIPP	\$ 54,625.00	\$ 111,500.00
2503515	9907-122	9907-121	113957	1/1/1927	2003 E Hawthorne St	8	ACP	424	14-14-08NW	Line	Recommend CIPP due to ACP deterioration and holes in pipe 170' to 180' from 9907-122. If unable to CIPP then dig and replace.	CIPP or dig and replace	\$ 53,000.00	\$ 164,500.00
2503531	9586-02	9586-01	109103	1/1/1946	2700 E 10th St	8	VCP	413	14-14-08SE	Line	CCTV was from both manholes. Unable to complete inspections due to PT. Recommend CIPP due to multiple fractures in the reach. Protruding tap 150' from 9586-02.	cut tap+CIPP	\$ 51,625.00	\$ 216,125.00
2513380	9907-92		56491	1/1/1927					14-14-08SW	MH	Recommend Rehab MH.	MH	\$ 10,000.00	\$ 226,125.00
2513393	9907-34	9907-33	114027	1/1/1927	110 N Campbell Av	8	ACP	54	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 6,750.00	\$ 232,875.00
2513398	9907-77	9907-76	114065	1/1/1927	520 N Wilson Av	8	ACP/DIP	452	14-14-08SW	Line	Recommend CIPP due to ACP deterioration and DIP corrosioin.	CIPP	\$ 56,500.00	\$ 289,375.00
2513401	9907-78	9907-77	114066	1/1/1927	522 N Norton Av	8	ACP	453	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 56,625.00	\$ 346,000.00
2513402	9907-79	9907-78	114067	1/1/1927	2415 E 16th St	8	ACP	200	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 25,000.00	\$ 371,000.00
2513403	9907-80	9907-81	114068	1/1/1927	459 N Norris Av	8	ACP	453	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 56,625.00	\$ 427,625.00
2513404	9907-81	9907-87	114069	1/1/1927	431 N Olsen Av	8	VCP/ACP/PVC	295	14-14-08SW	Line	Recommend UV between 285' to 287' due to ACP deterioration. CCTV was from 9907-87.	UV	\$ 36,875.00	\$ 464,500.00
2513405	9907-82	9907-81	114070	1/1/1927	432 N Plumber Av	8	ACP/PVC	452	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 56,500.00	\$ 521,000.00
2513406	9907-84	9907-83	114072	1/1/1927	427 N Norton Av	8	ACP	455	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 56,875.00	\$ 577,875.00
2513407	9907-85	9907-84	114073	1/1/1927	2430 E 6th St	8	ACP	203	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 25,375.00	\$ 603,250.00
2513408	9907-91	9907-90	114079	1/1/1927	332 N Norton Av	8	ACP	181	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 22,625.00	\$ 625,875.00
2513409	9907-92	9907-91	114080	1/1/1927	332 N Norton Av	8	ACP	199	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 24,875.00	\$ 650,750.00
2513417	SSIP-50	8178-38	141095	1/1/1948	2310 E Broadway Bv	10	ACP	238	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 29,750.00	\$ 680,500.00
2513181	9586-07		51525	1/1/1946					14-14-08SW	MH	Recommend Rehab MH.		\$ 10,000.00	\$ 690,500.00
2513182	9907*107	9907-95	113822	1/1/1927	217 N Olsen Av	8	ACP	264	14-14-08SW	Line	Recommend CIPP due to ACP deterioration throughout the pipe.	CIPP	\$ 33,000.00	\$ 723,500.00
2503501	9907*62	9907-105	113880	1/1/1927	2200 E Speedway Bv	8	ACP	373	14-14-08NW	Line	Recommend CIPP due to ACP deterioration.	CIPP	\$ 46,625.00	\$ 770,125.00
2518020	9938-05	9938-04	114755	1/1/1971	756 S CORPINO DE PECHO	8	ACP	164	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 20,500.00	\$ 790,625.00

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WO#	Upstream Manhole	Downstream Manhole	Comkey	Installed Date	Address	Pipe Diameter	Pipe Type	Pipe Length	Area	Maint. Type	Problem	Recommendation	Cost of Asset	On Going Project Cost
2518021	9938-10	9938-05	114760	1/1/1971	124 W LA PINTURA	8	ACP	326	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 40,750.00	\$ 831,375.00
2518022	9938-12	9938-01	114762	1/1/1971	31 W PASEO CANASTA	8	ACP	196	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 24,500.00	\$ 855,875.00
2518024	9938-13	9938-05	114763	1/1/1971	105 W LA PINTURA	8	ACP	105	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 13,125.00	\$ 869,000.00
2518025	9940-03	9940-02	114797	1/1/1970	430 S INTERSTATE HWY 19	8	ACP	364	18-13-14SW	Line	Recommend CIPP due to fracture and cracks.	CIPP	\$ 45,500.00	\$ 914,500.00
2518026	9940-06	9940-05	114800	1/1/1971	215 W PASEO ESCONDIDO	8	ACP	206	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 25,750.00	\$ 940,250.00
2518027	9940-07	9940-02	114801	1/1/1971	617 S CORPINO DE PECHO	8	ACP	145	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 18,125.00	\$ 958,375.00
2518028	9940-08	9940-07	114802	1/1/1971	545 S CORPINO DE PECHO	8	ACP	305	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 38,125.00	\$ 996,500.00
2518029	9940-09	9940-07	114803	1/1/1971	601 S CORPINO DE PECHO	8	ACP	260	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 32,500.00	\$ 1,029,000.00
2518030	9940-10	9940-09	114804	1/1/1971	135 W PASEO TESORO	8	ACP	256	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 32,000.00	\$ 1,061,000.00
2518031	9940-12	9940-10	114806	1/1/1971	540 S CORPINO DE PECHO	8	ACP	126	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 15,750.00	\$ 1,076,750.00
2518032	9940-13	9940-12	114807	1/1/1971	524 S CORPINO DE PECHO	8	ACP	211	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 26,375.00	\$ 1,103,125.00
2518033	9940-14	9940-09	114808	1/1/1971	110 W PASEO TESORO	8	ACP	440	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 55,000.00	\$ 1,158,125.00
2518034	9940-15	9940-14	114809	1/1/1971	500 S CORPINO DE PECHO	8	ACP	354	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 44,250.00	\$ 1,202,375.00
2518035	9940-16	9940-04	114810	1/1/1971	125 W PASEO TESORO	8	ACP	456	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 57,000.00	\$ 1,259,375.00
2518036	9940-17	9940-16	114811	1/1/1971	628 S CORPINO DE PECHO	8	ACP	160	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 20,000.00	\$ 1,279,375.00
2518037	997*38111	997-3811	115405	1/1/1972	200 E PLACITA PERA	8	ACP	207	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 25,875.00	\$ 1,305,250.00
2518201	997*38132	997-38131	115406	1/1/1972	910 S LA BELLOTA	8	ACP	356	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 44,500.00	\$ 1,349,750.00
2518202	997*417	997-416	115412	1/1/1972	982 S LA HIGUERA	6	ACP	138	18-13-14SW	Line	Recommend CIPP due to ACP deterioration or excavate due to 6" pipe.	CIPP	\$ 17,250.00	\$ 1,367,000.00
2518203	997-36	9972-20	115413	1/1/1972	200 E EL NARANJO	10	ACP	147	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 18,375.00	\$ 1,385,375.00
2518204	997-38131	997-3813	115420	1/1/1972	950 S LA BELLOTA	8	ACP	482	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 60,250.00	\$ 1,445,625.00
2518205	997-382	997-381	115421	26299	141 E LA ESPINA	8	ACP	465	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 58,125.00	\$ 1,503,750.00
2518206	997-383	997-382	115422	1/1/1972	075 E LA ESPINA	8	ACP	457	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 57,125.00	\$ 1,560,875.00



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2518207	997-384	997-383	115423	1/1/1972	001 E LA ESPINA	8	ACP	450	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 56,250.00	\$ 1,617,125.00
2518208	997-414	997-413	115436	1/1/1972	1010 S ABREGO DR	8	ACP	298	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 37,250.00	\$ 1,654,375.00
2518209	997-415	997-414	115437	1/1/1972	912 S LA HIGUERA	8	ACP	277	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 34,625.00	\$ 1,689,000.00
2518210	997-416	997-415	115438	1/1/1972	952 S LA HIGUERA	8	ACP	343	18-13-14SW	Line	Recommend CIPP due to ACP deterioration	CIPP	\$ 42,875.00	\$ 1,731,875.00
2703768	2729-31	2558-01	171864	1/1/1981	10 E SILVERADO PL	8	VDP	156	12-13-13NW	Line	Recommend CIPP to repair DIP corrosion.	CIPP	\$ 19,500.00	\$ 1,751,375.00
2703769	2558-01	2729-30	61099	1/1/1981	10 E SILVERADO PL	8	VDP	176	12-13-13NW	Line	Recommend CIPP to repair DIP corrosion.	CIPP	\$ 22,000.00	\$ 1,773,375.00
2549027	2729-30	2729-30A	61096	1/1/1981	255 W GREENOCK DR	12	DIP	154	12-13-13NW	Line	Recommend CIPP to repair DIP corrosion.	CIPP	\$ 19,250.00	\$ 1,792,625.00
2549028	2729-30A	2729-30B	61097	1/1/1981	245 W GREENOCK DR	12	DIP	243	12-13-13NW	Line	Recommend CIPP to repair DIP corrosion.	CIPP	\$ 30,375.00	\$ 1,823,000.00
2549029	2729-30B	2729-29	61098	1/1/1981	235 W GREENOCK DR	12	DIP	107	12-13-13NW	Line	Recommend CIPP to repair DIP corrosion.	CIPP	\$ 13,375.00	\$ 1,836,375.00
2275049	SSIP-363	9475-01	169227	1/1/1977	71, E, VILLAS, CR8	8	VDP	62	13-13-24SW	Line	Recommend CIPP to repair ACP deterioration.	CIPP	\$ 7,750.00	\$ 1,844,125.00
2274435	9453-13	9453-12	107473	1/1/1965	225 E Hyde St.	8	VCP	310	13-13-24NE	Line	CCTV was from 9453-13. Recommend UV between 298' and 302', also between 306' and 310' to repair broken pipe.	UV x 2	\$ 38,750.00	\$ 1,882,875.00
2275016	9262-01	9222-03	105722	1/1/1965	302, E, C. ARIZONA	8	VCP	455	13-13-24SE	Line	CCTV was from 9262-01. UV to repair broken pipe from 5' to 9'. Tap @ 9'	UV	\$ 56,875.00	\$ 1,939,750.00
2275017	9262-02A	9262-02	105724	1/1/1965	401, E, C. ARIZONA	8	VCP	286	13-13-24SE	Line	CCTV was from 9262-02. UV to repair fractured pipe from 44' to 48'. Tap @ 47'.	UV	\$ 35,750.00	\$ 1,975,500.00
2275019	9784-09	9784-10	111502	1/1/1960	4121, N, 1ST, AV	8	VCP	253	13-13-24SE	Line	CCTV was from 9784-10. Recommend UV to repair multiple fractures @ 1' to 4' also @7' to 11'.	UV	\$ 31,625.00	\$ 2,007,125.00
2275023	9810-61	9810-60	112115	1/1/1951	4216, N, STONE, AV	8	VCP	338	13-13-24SE	Line	CCTV was from 9810-61. Recommend UV to repair hole from 19' to 23'.	UV	\$ 42,250.00	\$ 2,049,375.00
2275024	9810-60	9475-01	112113	1/1/1951	4248, N, STONE, AV	8	VCP	302	13-13-24SE	Line	CCTV was from 9810-60. Recommend UV to repair hole at tap from 150' to 154'. Tap @ 152'.	UV	\$ 37,750.00	\$ 2,087,125.00
2448350	3358-01	9764-02A	111279	1/1/1982	4049, N, KIM, PL	8	PVC/DIP	365	13-13-24SW	Line	Recommend CIPP to repair DIP corrosion section.	CIPP	\$ 45,625.00	\$ 2,132,750.00
2275035	9115-01	9115-03	104601	1/1/1973	51, E, MILLS, D	8	VCP	408	13-13-24SW	Line	CCTV was from 9115-01. UV recommended between 144' to 148' to repair hole and multiple fractures. Tabs @144' and 148'.	UV	\$ 51,000.00	\$ 2,183,750.00
2275044	9764*03B	9764-07B	111273	1/1/1984	4040, N, RAY, PL	8	ACP	293	13-13-24SW	Line	CCTV was from 9764-07B. Recommend 2 UV repairs between 2' to 9' due to multiple fractures.	UVx2	\$ 36,625.00	\$ 2,220,375.00
2275047	9811-103ADOT	9811-102ADOT	#N/A	#N/A	4100, N, ORACLE, RD	10	VCP	335	13-13-24SW	Line	CCTV was from 9811-103ADOT. Recommend UV between 327' to 330' due to multiple fractures.	UV	\$ 41,875.00	\$ 2,262,250.00

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1449732	9810-95A1	8116-10	112139	1/1/1952	2000 E. Copper St.	8	VCP	442	13-14-32SW	Line	CCTV was from manhole 9810-95A1. Recommend UV to repair fractures between 116' and 118', also between 139' and 142'.	UV x 2	\$ 55,250.00	\$ 2,317,500.00
1482968	9783-01	9783-02	111481	1/1/1965	3000 N. Campbell Ave.	8	VCP	323	13-14-32NW	Line	CCTV was from manhole 9783-01. Recommend UV from 281' and 284'.	UV	\$ 40,375.00	\$ 2,357,875.00
1892013	5977-01	5978-03	78099	1/1/1956	2643 N. Wilson Av.	8	VCP	268	13-14-32SW	Line	CCTV was from manhole 5977-01. Recommend UV to repair broken pipe between 163' and 165'.	UV	\$ 33,500.00	\$ 2,391,375.00
1963336	8827-02	8827-01	100238	1/1/1961	1750 E. Allen St.	8	VCP	313	13-14-30NE	Line	CCTV was from manhole 8827-01. Recommend UV between 91' and 92' to repair fracture.	UV	\$ 39,125.00	\$ 2,430,500.00
1963337	8827-04	8827-01	100242	1/1/1961	3735 N. Warren Av.	8	VCP	449	13-14-30NE	Line	CCTV was from manhole 8827-01. Recommend UV between 355' and 357' to repair fracture. Tap located 356' in the 10 o'clock position.	UV	\$ 56,125.00	\$ 2,486,625.00
1963338	9323-03	9323-02	106187	1/1/1957	931 E. Navajo Rd.	8	VCP	400	13-14-30NE	Line	CCTV was from manhole 9323-03. Recommend UV to repair broken pipe between manhole 9323-03 and 3'.	UV	\$ 50,000.00	\$ 2,536,625.00
2309836	5301-03ADOT	5301-03AADOT	71337	1/1/1972	8000 N Oracle Rd	8	VCP	175	12-13-25SW	Line	CCTV was from 5301-03ADOT. UV repair multiple fracture from approximately 4' to 8'.	UV	\$ 21,875.00	\$ 2,558,500.00
1203089	9099-01	9137-01	104512	1/1/1957	207 E PASTIME RD	8	VCP	151	13-13-25NE	Line	CCTV was from MH 9099-01. Recommend excavation to repair offset joint located at 120'.	Excavate	\$18,875.00	\$ 2,577,375.00
1540894	8864-01	9810-10	100601	1/1/1957	4801 E 12TH ST	8	VCP	206	14-14-14NW	Line	CCTV was from MH 8864-01. Recommend CIPP to repair multiple fractures and breaks throughout the pipe.	CIPP	\$25,750.00	\$ 2,603,125.00
1648783	5602-11	8911-08J	74171	1/1/1955	3901 E 22ND ST	8	VCP	52	14-14-15SW	Line	Per CCTV from MH 5602-11 to 8911-08J; repair multiple fractures from 0' to large offset joint at 28.2'. CCTV was unable to get past the offset section of pipe. From MH 8911-08J to 5602-11; CCTV located other end of the offset section of pipe at 15.4'.	Excavate	\$6,500.00	\$ 2,609,625.00
1746914	8913-30	8913-27	102194	1/1/1964	6942 E BAKER ST	6	VDP	154	14-15-07NE	Line	CCTV televised from both MHs. Recommend CIPP DIP section located 97' from MH 8913-30 to MH 8913-27. May not be able to clean DIP for CIPP due to corrosion. Recommend to CIPP the line due to severe fractures and holes in the DIP where it has thinned out due to severe corrosion. Refer to Granite XP project 92246 for CCTV.	Clean DIP for CIPP / UV	\$19,243.98	\$ 2,628,868.98

## JOC Master Agreement Amendment

Complete list of all RWRD in need of rehabilitation. Total Estimated Cost to rehabilitate all assets is \$117 million.

WO#	Upstream Manhole	Downstream Manhole	Compxey	Installed Date	Address	Pipe Diameter	Pipe Type	Pipe Length	Area	Maint. Type	Problem	Recommendation	Cost of Asset	On Going Project Cost
1893221	9418-04	9261-01	105718	1/1/1956	1699 W EL RIO DR	6	VCP	387	14-13-03SE	Line	CCTV was from MH 9418-04. Recommend CIPP to repair multiple cracks and fractures through the pipe. Pipe was installed in 1956.	CIPP	\$48,375.00	\$ 2,677,243.98
1893277	5584-11	8128-08	73998	1/1/1959	2009 S IRVING AV	8	VCP	229	14-14-22SW	Line	CCTV was from MH 5584-11. Recommend UV to repair hole in pipe between 214' and 216'. A gas pipe is visible through the hole.	UV	\$28,625.00	\$ 2,705,868.98
1927830	9239-01	9245-01	105609	1/1/1957	3940 N FONTANA AV	6	VCP	259	13-13-25NE	Line	CCTV was from MH 9239-01. Recommend UV to repair fracture between 40' and 42'. Excavate to repair sag between 240' and 256'.	Excavate	\$32,375.00	\$ 2,738,243.98
1927843	9779-14	6111-41	111440	1/1/1957	3525 N FONTANA AV	8	VCP	407	13-13-25SE	Line	CCTV was from MH 9779-14. Recommend CIPP to repair multiple fractures and cracks throughout the pipe.	CIPP	\$50,875.00	\$ 2,789,118.98
1932634	9885-04	8137-05	113476	1/1/1929	200 W FRANKLIN ST	8	DIP	31	14-13-12SW	Line	CCTV was from MH 9885-04. Recommend clean DIP for CIPP DIP section, 24' from MH to MH. Heavy corrosion. Than CIPP reach.	CIPP	\$3,875.00	\$ 2,792,993.98
1952897	8583*21	8583-25	96561	1/1/1921	330 N MOUNTAIN AV	8	VCP	266	14-14-07SE	Line	CCTV was from MH 8583-25. **Recommend verifying line abandonment possibility.** If line stays active recommend excavation between 3' and 9' or until good pipe is found to repair multiple fractures and broken pipe with a void.	Excavate	\$33,250.00	\$ 2,826,243.98
1971429	8435-16	8435-17	95102	1/1/1956	926 S CARNEGIE DR	6	VCP	380	14-15-18SE	Line	CCTV was from MH 8435-16. Recommend CIPP to repair fractures throughout the pipe.	Multiple UV	\$47,500.00	\$ 2,873,743.98
1971449	8435-22	8435-21	95108	1/1/1956	1023 S DUQUESNE DR	6	VCP	294	14-15-18SE	Line	CCTV was from MH 8435-21. Recommend CIPP to repair multiple fractures between 65' and 68', 240' and 248', and 288' and 290'.	Multiple UV	\$36,750.00	\$ 2,910,493.98
1971450	8435-27	8435-28	95113	1/1/1956	1118 S GEORGETOWN DR	6	VCP	264	14-15-18SE	Line	CCTV was from MH 8435-28. Recommend CIPP to repair multiple fractures between 61' and 74', between 93' and 94', & between 173' and 174'.	Multiple UV	\$33,028.21	\$ 2,943,522.19



JOC Master Agreement Amendment

Complete list of all RWRD in need of rehabilitation. Total Estimated Cost to rehabilitate all assets is \$117 million.

WO#	Upstream Manhole	Downstream Manhole	Compkey	Installed Date	Address	Pipe Diameter	Pipe Type	Pipe Length	Area	Maint. Type	Problem	Recommendation	Cost of Asset	On Going Project Cost
1971452	8435*13	8435-13	95081	1/1/1956	1173 S CARNEGIE DR	6	VCP	380	14-15-18SE	Line	CCTV was from MH 8435-13. Recommend CIPP to repair multiple fractures throughout the pipe.	Multiple UV	\$47,485.12	\$ 2,991,007.31
1971453	8435*25	8435-25	95084	1/1/1956	1150 S DUQUESNE DR	6	VCP	303	14-15-18SE	Line	CCTV was from MH 8435-25. Recommend CIPP to repair multiple fractures and breaks throughout the pipe.	Multiple UV	\$37,875.00	\$ 3,028,882.31



<b>PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT</b>	
<b>PROJECT:</b>	JOB ORDER MASTER AGREEMENT: Wastewater Conveyance System And Related Facilities Maintenance, Repair, Rehabilitation & Construction Services
<b>CONTRACTORS:</b>	Achen-Gardner Construction, LLC B&F Contracting, Inc. KE&G Construction, Inc.
<b>CONTRACT NO.:</b>	MA-PO-18-018
<b>AMOUNT:</b>	Not To Exceed \$15,000,000.00
<b>AMENDMENT NO.:</b>	One (1)
<b>FUNDING:</b>	Regional Wastewater Reclamation Department Obligations

<b>CONTRACT</b>
NO. <u>MA-PO-18-018</u>
AMENDMENT NO. <u>01</u>
This number must appear on all invoices, correspondence and documents pertaining to this contract.

<b>AGREEMENT TERM:</b> 08/01/17 - 07/31/18	<b>ORIGINAL AGREEMENT AMOUNT:</b> \$ 15,000,000.00
<b>TERMINATION PRIOR AMENDMENT:</b> NA	<b>PRIOR AMENDMENT(S):</b> \$ -
<b>TERMINATION THIS AMENDMENT:</b> 07/31/18	<b>AMOUNT THIS AMENDMENT:</b> \$ 3,000,000.00
	<b>REVISED AGREEMENT AMOUNT:</b> \$ 18,000,000.00

**MASTER AGREEMENT AMENDMENT**

**WHEREAS**, COUNTY and CONTRACTORS have entered into a Master Agreement (Agreement) for Job Order Contracting services referenced above; and

**WHEREAS**, the original award allowed for up to four one-year contract extensions; and

**WHEREAS**, rehabilitation and construction of the wastewater conveyance system and related facilities provided under this Agreement are ongoing and continuing; and

**WHEREAS**, COUNTY has a need to increase the Agreement's annual shared amount from \$15,000,000.00 to \$18,000,000.00 to allow for completion of scheduled rehabilitation projects; and

**WHEREAS**, COUNTY notified CONTRACTORS on April 5, 2018 of the intent to increase the annual shared amount, and CONTRACTORS have acknowledged receipt of notice of the intended increase.

**NOW, THEREFORE**, it is agreed as follows:

**CHANGE:** Captioned Not-To-Exceed Amount  
From: \$15,000,000.00  
To: \$18,000,000.00

This Amendment shall be effective on April 17, 2018.

All other provisions of the Contract, not specifically changed by this amendment, shall remain in effect and be binding upon the parties.

IN WITNESS WHEREOF, COUNTY has affixed its signatures to this Amendment on the dates written below.

APPROVED:

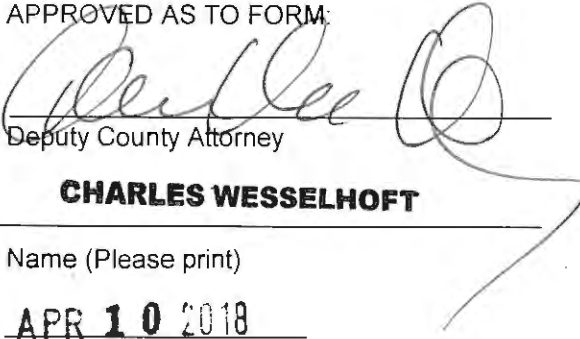
\_\_\_\_\_  
Chairman, Board of Supervisors

\_\_\_\_\_  
Date

ATTEST:

\_\_\_\_\_  
Clerk of the Board

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Deputy County Attorney

**CHARLES WESSELHOFT**

\_\_\_\_\_  
Name (Please print)

**APR 10 2018**  
\_\_\_\_\_  
Date

MA - PD - 18 - 018