COA Contract info:

Contract #: MA-6300-NA150000102

- Amendment-No. 6 (to the 4th extension of the original agreement signed on 9/13/2019)
- Reason: Increase COA funding to \$635,604.00 (within 7% allowed for increase based on previous years authorization of \$594,804.00).

# UNITED STATES DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY AMENDMENT OF JOINT FUNDING AGREEMENT FOR

WATER RESOURCES INVESTIGATIONS

20SJJFATX014000
Customer: 6000000481
TIN:
Amendment No. 1
Fixed Cost Agreement

Yes X No

with their res	spective authorities there	shall be mai	intained in c	ropriations and in accordant operation with the Texas	
Science Cer	iter for additional water-o	juality sampli			
			herein (	called the program.	
Paragraph 2 to read as fo	a of the agreement is he llows:	reby X_i	ncreased/	decreased by \$	58,550
(a) \$	189,900 by th	e party of the	e first part d	uring the period	
	October 1, 2019 to	Septembe	er 30, 2020	.v el .v	
Paragraph 2	b of the agreement is he	reby X_i	ncreased/	decreased by \$	59,950
(b) \$	635,604 by th October 1, 2019 to		(6)	rt during the period	
		a hu tha alla			
asury rate fo date (31 US U DEPARTM	reach 30-day period, or SC 3717; Comptroller Ge NITED STATES ENT OF THE INTERIOR	portion there eneral File B-	of, that the	st will be charged at the cu payment is delayed beyond gust 23, 1983.)  City of Au	the
DEPARTM U.S. GE	reach 30-day period, or 6C 3717; Comptroller Ge	portion there eneral File B-	of, that the	payment is delayed beyond gust 23, 1983.)	stin
DEPARTM U.S. GE	NITED STATES ENT OF THE INTERIOR OLOGICAL SURVEY  (S gnature) othy H. Raines (Name) Director	portion there eneral File B-	of that the   212222 Aug	City of August 23, 1983.)  City of August 23, 1983.	stin



# United States Department of the Interior

U.S. GEOLOGICAL SURVEY Texas Water Science Center 1505 Ferguson Lane Austin, TX 78754-4501

January 13, 2020

Mr. Abel Porras Engineering C City of Austin PO BOX 1088 Austin, TX 78767

Dear Mr. Porras:

Enclosed are two signed originals of Amendment 1, to amend our joint-funding agreement for the City of Austin for the project(s) Texas Water Science Center Water Resources Investigations. This amendment increases the contributions from your agency by \$59,950 and the U.S.Geological Survey contributions increase by \$58,550. The revised agreement total is \$825,504. The purpose of this amendment is to increase funds for additional water-quality sampling, being conducted during the period October 1, 2019 to September 30, 2020. All other terms and conditions remain unchanged. Please return one signed original to my attention, no later than **January 31, 2020**.

This is a fixed cost agreement to be billed **quarterly** via Form DI-1040. The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. The USGS looks forward to continuing this and future cooperative efforts in these mutually beneficial water resources investigations.

The project point of contact is Greg Stanton. He may be reached at (512) 927-3558. Our administrative point of contact for this action is Kandis Becher. If you have any questions, please call her at (682) 316-5051 or email at kkbecher@usgs.gov.

Sincerely,

Timothy H. Raines

Director

Enclosure

Amendment 1 - 20CMTX014000000 (2)



# United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Texas Water Science Center
1505 Ferguson Lane
Austin, TX 78754

August 26, 2019

Mr. Abel Porras Engineering C City of Austin PO BOX 1088 Austin, TX 78767

Dear Mr. Porras:

Enclosed are two signed originals of our standard joint-funding agreement for the project(s) Texas Water Science Center Water Resources Investigations, during the period October 1, 2019 through September 30, 2020 in the amount of \$575,654 from your agency. U.S. Geological Survey contributions for this agreement are \$131,350 for a combined total of \$707,004. Please sign and return one fully-executed original to Beau Griffin at the address above.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **September 15, 2019**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact Gregory Stanton by phone number (512) 927-3558 or email gstanton@usgs.gov to make alternative arrangements.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Kandis Becher at phone number (682) 316-5051 or email at kkbecher@usgs.gov.

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Sincerely,

Timothy H. Raines

Director

Enclosure 20SJJFATX014000 (2) COA contract info:

Contract #: MA-6300-NA150000102

- Amendment 5 (4th extension option)
- Adding \$575,654 to the MA authority

Form 9-1366 (May 2018) U.S. Department of the Interior U.S. Geological Survey Joint Funding Agreement FOR

**Water Resource Investigations** 

Customer #: 6000000481 Agreement #: 20SJJFATX014000 Project #: SJ009ME

TIN #:

Fixed Cost Agreement YES[X]NO[]

THIS AGREEMENT is entered into as of the October 1, 2019, by the U.S. GEOLOGICAL SURVEY, Texas Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the City of Austin party of the second part.

- 1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.
- 2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00
  - (a) \$131,350 by the party of the first part during the period October 1, 2019 to September 30, 2020
  - (b) \$575,654 by the party of the second part during the period October 1, 2019 to September 30, 2020
  - (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: (\$1)

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
- The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
- 4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
- 5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
- 6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
- 7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
- 8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program, and if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties. The Parties acknowledge that scientific information and data developed as a result of the Scope of Work (SOW) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website (https://www.usgs.gov/about/organization/science-support/science-quality-and-integrity/fundamental-science-practices).

Form 9-1366 (May 2018)

#### U.S. Department of the Interior U.S. Geological Survey Joint Funding Agreement FOR

Customer #: 6000000481 Agreement #: 20SJJFATX014000

Project #: SJ009ME

## TIN #:

#### **Water Resource Investigations**

Interest, Penalti	s agreement will be rendered <u>quarterly</u> . Invoices, and Administrative cost at the annual rat 17) established by the U.S. Treasury.		
	USGS Technical Point of Contact		Customer Technical Point of Contact
Name:	Gregory Stanton Branch Chief - Central Texas	Name:	Abel Porras Engineering C
Address:	1505 Ferguson Lane Austin, TX 78754	Address:	PO BOX 1088 Austin, TX 78767
Telephone:	(512) 927-3558	Telephone:	(512) 974-2811
Fax:		Fax:	(512) 974-2846
\$5 PERSONAL	(512) 927-3590	Email:	
Email:	gstanton@usgs.gov	Email:	abel.porras@austintexas.gov
	Hoos Bull - But - Co		
	USGS Billing Point of Contact		Customer Billing Point of Contact
Name:	Kandis Becher	Name:	Josie Archer
	Budget Analyst		Watershed Protection Purchasing
Address:	501 W. Felix Street Bldg 24	Address:	PO Box 1088
	Fort Worth, TX 76115		Austin, TX 78767
Telephone:	(682) 316-5051	Telephone:	(512) 974-9735
Fax:	(682) 316-5022	Fax:	(512) 974-7294
Email:	kkbecher@usgs.gov	Email:	Josephine.archer@austintexas.gov
	U.S. Geological Survey United States Department of Interior		City of Austin
	Signature	-	Signatures
	7 " 11	0	1
By /	mth, / Date: 08/28/2019	By C	Tub Date: 09/19/2019
Name: Timo	othy H. Raines	Name D.	Y ARELLAND
		The second secon	
Title: Direct	or	Title: 195	SISTANT CITY MANAGER
		Ву	Date:
		Name:	
		Title:	and the second
		Approved	as to form!
		HAPITACOL	The aliabate
		By Q lu	und 4M9mm Date: 7/13/20/9
		Name:	-, - / / /

Title:

## City of Austin 20SJJFATX014000

Description	Code	Units	Diff. Factor	USGS Funds	Customer Funds	Total
Task: 1 - Surface Water Data Collection				#1		
Site: 08105886 Lake Ck at Lake Ck Pkwy nr A	ustin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site	Totals:	\$0	\$15,900	\$15,900
Site: 08154700 Bull Ck at Loop 360 nr Austin,	TX					
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$6,735	\$16,515	\$23,250
		Site	Totals:	\$6,735	\$16,515	\$23,250
Site: 08155200 Barton Ck at SH 71 nr Oak Hill	. TX					
Fuli Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
•		Site	Totals:	\$6,735	\$9,165	\$15,900
Site: 08155240 Barton Ck at Lost Ck Blvd nr A	ustin. TX			18491.	•	
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$6,735	\$16,515	\$23,250
		Site	Totals:	\$6,735	\$16,515	\$23,250
Site: 08155300 Barton Ck at Loop 360, Austin	. TX			382884 <b>5</b> 8 38	•	
Full Range Streamflow Station-FPS	QCONT	1.00	1.00	\$0	\$0	\$0
	Iridium	1.00	1.00	\$0	\$7,130	\$7,130
		Site	Totals:	\$0	\$7,130	\$7,130
Site: 08155400 Barton Ck abv Barton Spgs at	Austin, TX				2014 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
		Site	Totals:	\$6,735	\$9,165	\$15,900
Site: 08155500 Barton Spgs at Austin, TX				1,000 <del>*</del> 200 000		
Fuli Range Streamflow Station	QCONT	1.00	1.00	\$8,735	\$9,165	\$15,900
TY		Site	Totals:	\$6,735	\$9,165	\$15,900
Site: 0B155541 W Bouldin Ck at Oltorf Rd, Au	stin. TX			•	# *** **** ****	\$50.00 m. \$10.00
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
THE SECRET SECTION 10 SECTION AND ADMINISTRATION OF THE SECTION OF		Site	Totals:	\$0	\$15,900	\$15,900
Site: 08156675 Shoel Ck at Silverway Dr. Aus	tin, TX			5 <del>7</del> 300	3*8563.*.	X60004000000000000
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$0	<b>5</b> 24,130	\$24,130
		Site	Totals:	\$0	\$24,130	\$24,130
Site: 08156800 Shoal Ck at W 12th St, Austin	, TX					
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$6,735	\$17,395	\$24,130
		Site	Totals:	\$6,735	\$17,395	\$24,130
Site: 08156910 Waller Ck at Koenig Lane, Au-	stin, TX		+			
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$0	\$24,130	\$24,130
		Site	Totals:	\$0	\$24,130	\$24,130
Site: 08158030 Boggy Ck at Manor Rd, Austin	ı, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$17,000	\$17,000
		Site	Totals:	\$0	\$17,000	\$17,000
Site: 08158035 Boggy Ck at Webberville Rd,	Austin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site	Totals:	\$0	\$15,900	\$15,900

Site: 08158045 Ft Br Boggy Ck at Manor Rd, A		9 12323	20 17 12 22 27	l sec		
Full Range Streamflow Station	HIGH	1.00	1.00	\$0	\$11,200	\$11,200
		Site T	otals:	\$0	\$11,200	\$11,200
Site: 08158200 Walnut Ck at Dessau Rd, Aust						Name of the Control o
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$0	\$24,130	\$24,130
		Site 1	Totals:	\$0	\$24,130	\$24,130
Site: 08158380 Little Walnut Ck at Georgian D	C 100 and 1 and 2	10 1021021	N.W.Astas			
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site 7	rotals:	\$0	\$15,900	\$15,900
Site: 08158600 Walnut Ck at Webberville Rd,	THE RESERVE OF THE PARTY.					
Full Range Streamflow Station	QCONT	1.00	1.00	\$8,270	\$7,630	\$15,900
		Site	Totals:	\$8,270	\$7,630	\$15,900
Site: 08158700 Onion Ck nr Driftwood, TX						
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
		Site 7	Fotals:	\$6,735	\$9,165	\$15,900
Site: 08158810 Bear Ck bl FM 1826 nr Driftwo						
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
		Site 1	Totals:	\$6,735	\$9,165	\$15,900
Site: 08158827 Onion Ck at Twin Creeks Rd n	r Manchaca, TX					
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$0	\$23,250	\$23,250
		Site 7	Totals:	\$0	\$23,250	\$23,250
Site: 08158840 Slaughter Ck at FM 1826 nr Au	ustin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
		Site 7	Totals:	\$6,735	\$9,165	\$15,900
Site: 08158860 Slaughter Ck at FM 2304 nr Au	ustin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
		Site 7	Totals:	\$6,735	\$9,165	\$15,900
Site: 08158920 Williamson Ck at Oak Hill, TX						
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$6,735	\$16,515	\$23,250
		Site	Totals:	\$6,735	\$16,515	\$23,250
Site: 08158927 Kincheon Br at William Canno	n Blvd, Austin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site	Totals:	\$0	\$15,900	\$15,900
Site: 08158930 Williamson Ck at Manchaca R	d, Austin, TX					
Full Range Streamflow Station with Iridium	QCONT	1.00	1.00	\$6,735	\$17,395	\$24,130
		Site '	Totals:	\$6,735	\$17,395	\$24,130
Site: 08158970 Williamson Ck at Jimmy Clay	Rd, Austin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site	Totals:	\$0	\$15,900	\$15,900
Site: 08159000 Onion Ck at US Hwy 183, Aus	tin, TX					
Full Range Streamflow Station-FPS	QCONT	1.00	1.00	\$0	\$0	\$0
Iridium only	lridium	1.00	1.00	\$0	\$7,130	\$7,130
1		Site	Totals:	\$0	\$7,130	\$7,130
Site: 08157540 Waller Creek at Red River, Au	estin, TX			V.*****	▼ 993 Tuestant	
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
			Totals:	\$0	\$15,900	\$15,900
						The same of the sa

Site: 08157560 Waller Creek at E 1st St, Austin	n, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site '	Totals:	\$0	\$15,900	\$15,900
Site:08158813 Bear Creek at Spillar Ranch, Au	ustin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site	Totals:	\$0	\$15,900	\$15,900
Site:08159105 Dry Ck at Navarro Ck Rd nr De	l Valle, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
Precipitation .	PRECIPCONT	1.00	1.00	\$0	\$1,500	\$1,500
		Site	Totals:	\$0	\$17,400	\$17,400
Site: 08159110 Western Trib to Gilleland Ck n	r Manor, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
Precipitation	PRECIPCONT	1.00	1.00	\$0	\$1,500	\$1,500
		Site	Totals:	\$0	\$17,400	\$17,400
Site: 08159250 Maha Ck at Von Quintus Rd no	Del Valle, TX					
Full Range Streamflow	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
Precipitation	PRECIPCONT	1.00	1.00	\$0	\$1,500	\$1,500
		Site	Totals:	\$0	\$17,400	\$17,400
33 s	ite(s) under the Ta	sk 1 To	otaling:	\$89,090	\$489,520	\$578,610
33 to	otal site(s) under t	he Task	· Total:	\$89,090	\$489,520	\$578,610
sk 2: Water Quality						
Site: 08155500 Barton Spgs at Austin, TX						
5 Parameter Monitor	WQMON5	1.00	1.00	\$19,260	\$29,300	\$48,580
Periodic Sample Collection and Processing	WQSPER	3.00	1.00	\$0	\$7,500	\$7,500
Groundwater Standard Chemistry	S1890	3.00	1.00	\$0	\$2,670	\$2,670
(HPLC/MS SPE), Filtered	52437	3.00	1.00	\$0	\$2,789	\$2,789
Volatile Organic Compounds	S2020	3.00	1.00	\$0	\$1,875	\$1,875
		Site	Totals:	\$19,260	\$44,134	\$63,394
Site: 08155500 Barton Spgs at Austin, TX						
O&M NO3 (Nitrate)/f-DOM		2.00	1.00	\$23,000	\$42,000	\$65,000
16		Site	Totals:	\$23,000	\$42,000	\$65,000
4	eite under the Ta	ask 2 To	otaling:	\$42,260	\$86,134	\$128,394
1 to	otal site(s) under t	he Tasi	k Total:	\$42,260	\$86,134	\$128,394
33 total site(s	s) under Task 1 To	taling (	00120):	\$89,090	\$489,520	\$578,610
1 total site(s	) under Task 2 To	taling (	00220):	\$42,260	\$86,134	\$128,394
				\$131,350	\$575,654	\$707,004

PROJECT	FUNDS	FUNDS	TOTAL
Surface Water: 00120	\$89,090	\$489,520	\$578,610
Water Quality: 00320	\$42,260	\$86,134	\$128,394
AGREEMENT TOTAL:	\$131,350	\$575,654	\$707,004



## United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Texas Water Science Center
1505 Ferguson Lane
Austin, TX 78754

August 22, 2018

Mr. Abel Porras Engineering C City of Austin 505 Barton Springs Rd, 11th Floor Austin, TX 78704

Dear Mr. Porras:

Enclosed are two signed originals of our standard joint-funding agreement for the project(s) Texas Water Science Center Water Resources Investigations, during the period October 1, 2018 through September 30, 2019 in the amount of \$594,804 from your agency. U.S. Geological Survey contributions for this agreement are \$178,410 for a combined total of \$773,214. Please sign and return one fully-executed original to Beau Griffin at the address above.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by October 1, 2018. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact Meghan Roussel by phone number (512) 927-3503 or email mroussel@usgs.gov to make alternative arrangements.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Kandis Becher at phone number (682) 316-5051 or email at kkbecher@usgs.gov.

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Sincerely,

Meghan C. Rousse Acting Director

Enclosure 19SJJFATX014000 (2) Form 9-1366 (May 2018)

11 1 6

#### U.S. Department of the Interior U.S. Geological Survey Joint Funding Agreement FOR

**Water Resource Investigations** 

Customer #: 6000000481 Agreement #: 19SJJFATX014000 Project #: SJ009ME TIN #:

Fixed Cost Agreement YES[X]NO[]

THIS AGREEMENT is entered into as of the October 1, 2018, by the U.S. GEOLOGICAL SURVEY, Texas Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the City of Austin party of the second part.

- 1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.
- 2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00
  - (a) \$178,410 by the party of the first part during the period October 1, 2018 to September 30, 2019
  - (b) \$594,804 by the party of the second part during the period October 1, 2018 to September 30, 2019
  - (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$0

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
- The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
- 4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
- 5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
- 6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
- 7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
- 8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program, and if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties. The Parties acknowledge that scientific information and data developed as a result of the Scope of Work (SOW) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website (https://www2.usgs.gov/fsp/).

Form 9-1366 (May 2018)

#### U.S. Department of the Interior U.S. Geological Survey Joint Funding Agreement FOR

Agreement #: 19SJJFATX014000 Project #: SJ009ME

Customer #: 6000000481

TIN #:

#### **Water Resource Investigations**

9. Billing for this agreement will be rendered <u>quarterly</u>. Invoices not paid within 60 days from the billing date will bear Interest, Penalties, and Administrative cost at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C. § 3717) established by the U.S. Treasury.

31 U.S.O. 9 37 1	7) established by the U.S. Treasury.		
	USGS Technical Point of Contact		Customer Technical Point of Contact
Name:	Meghan Roussel	Name:	Abel Porras
	Associate Director - Central Texas		Engineering C
	Program	Address:	505 Barton Springs Rd., 11th Floor
Address:	1505 Ferguson Lane		Austin, TX 78704
	Austin, TX 78754	Telephone:	(512) 974-2811
Telephone:	(512) 927-3503	Fax:	(512) 974-2846
Fax:	(512) 927-3590	Email:	abel.porras@austintexas.gov
Email:	mroussel@usgs.gov		
	USGS Billing Point of Contact		Customer Billing Point of Contact
Name:	Kandis Becher	Name:	Josie Archer
riginio.	Budget Analyst	74011101	Watershed Protection Purchasing
Address:	501 W. Felix Street Bldg 24	Address:	PO Box 1088
71001000	Fort Worth, TX 76115	112,000.	Austin, TX 78767
Telephone:	(682) 316-5051	Telephone:	(512) 974-9735
Fax:	(682) 316-5022	Fax:	(512) 974-7294
Email:	kkbecher@usgs.gov	Email:	Josephine.archer@austintexas.gov
	U.S. Geological Survey United States Department of Interior		City of Austin
Name: Meg Title: Acting	Signature Date: 08/22/2018 han C. Roussel Director	By /// Name: Joe Vitie: /v dv	Signatures  Date: 9/2/16  Pantelion  ART Gy Ngu
		By	Date:  Date:  Date:  Date: 09/25/19  Altornel

#### City of Austin 195JJFATX014000

Description	Code	Units	Diff. Factor	USGS Funds	Customer Funds	Total
Task: 1 - Surface Water Data Collection						
Site: 08105886 Lake Ck at Lake Ck Pkwy nr A	Austin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site	Totals:	\$0	\$15,900	\$15,900
Site: 08154700 Bull Ck at Loop 360 nr Austin,	TX				* 1.0	
Full Range Streamflow Station with ELOS	QCONT	1.00	1.00	\$6,735	\$16,515	\$23,250
Tai Hange Gatamate Gation was Ecoo	QUOINT		Totals:	\$6,735	\$16,515	\$23,250
Ohn and stood David Ohn Cili 34 Only III	n =>*	3114	r I Cutta.	\$0,735	\$ 10,313	\$23,230
Site: 08155200 Barton Ck at SH 71 nr Oak Hil	DCONT	1.00	1.00	\$6,735	\$9.165	\$4E 000
Full Range Streamflow Station	QCONT	3555	0.000			\$15,900
		Site	Totals:	\$6,735	\$9,165	\$15,900
Site: 08155240 Barton Ck at Lost Ck Blvd nr /				22		
Full Range Streamflow Station with ELOS	QCONT	1.00	1.00_	\$6,735	\$18,515	\$23,250
		Site	Totals:	\$6,735	\$16,515	\$23,250
Site: 08155300 Barton Ck at Loop 360, Austin	ı, TX					
Full Range Streamflow Station-FPS	QCONT	1,00	1.00	\$0	\$0	\$0
	ELOS	1.00	1.00	\$0	\$7,130	\$7,130
		Site	a Totals:	\$0	\$7,130	\$7,130
Site: 08155400 Barton Ck aby Barton Spgs at	t Austin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
er transcommunication of the state of the st		Site	e Totals:	\$6,735	\$9,165	\$15,900
Site: 08155500 Barton Spgs at Austin, TX				3.50.55	****	- 111
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
		85,55	e Totals:	\$6,735	\$9,165	\$15,900
Charles and Davids Charles And An		- Cit	a rotale.	\$6,735	40,100	\$13,300
Site: 08155541 W Bouldin Ck at Offorf Rd, Au	QCONT	1.00	1.00	\$0	£15 000	\$15,900
Full Range Streamflow Station	QCONT		e Totals:		\$15,900	
X		Sit	e lotais:	\$0	\$15,900	\$15,900
Site: 08156675 Shoal Ck at Silverway Dr. Aus	. 1. 2					004.400
Full Range Streamflow Station with ELOS	QCONT	1.00	-	\$0	\$24,130	\$24,130
		Sit	e Totals:	\$0	\$24,130	\$24,130
Site: 08156800 Shoal Ck at W 12th St, Austin	n, TX					
Full Range Streamflow Station with ELOS	QCONT	1.00	1.00	\$6,735	\$17,395	\$24,130
		Sit	e Totals:	\$6,735	\$17,395	\$24,130
Site: 08156910 Waller Ck at Koenig Lane, Au	ustin, TX					
Full Range Streamflow Station with ELOS	QCONT	1.00	1,00	\$0	\$24,130	\$24,130
		Sit	e Totals:	\$0	\$24,130	\$24,130
Site: 08158030 Boggy Ck at Manor Rd, Austi	n, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$17,000	\$17,000
Statement and the second statement of the second statement of the second		Sit	e Totals:	\$0	\$17,000	\$17,000
Site: 08158035 Boggy Ck at Webberville Rd,	Austin, TX				*.0.5.*5.55	
Full Range Streamflow Station	QCONT	1.00	3 1.00	\$0	\$15,900	\$15,900
The state of the s			te Totals:	\$0		\$15,900
Cha. OBSERGAE Es P. Danne Ch. al Maria	Austin TV	311	o rosaid.	30	915,500	410,800
Site: 08158045 Ft Br Boggy Ck at Manor Rd,		4.00	0 400	80	P44 000	644 000
Full Range Streamflow Station	QCONT-HIGH		_	\$0		\$11,200
		Sh	te Totals:	\$0	\$11,200	\$11,200

Site: 08158200 Walnut Ck at Dessau Rd, Austin	n, TX					
Full Range Streamflow Station with ELOS	QCONT	1.00	1.00	\$0	\$24,130	\$24,130
		Site 7	otals:	\$0	\$24,130	\$24,130
Site: 08158380 Little Walnut Ck at Georgian Dr	Austin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site 7	otals:	\$0	\$15,900	\$15,900
Site: 08158600 Walnut Ck at Webberville Rd, A	ustin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$8,270	\$7,630	\$15,900
		Site 7	otals:	\$8,270	\$7,630	\$15,900
Site: 08158700 Onion Ck nr Driftwood, TX						
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
		Site 1	Totals:	\$6,735	\$9,165	\$15,900
Site: 08158810 Bear Ck bl FM 1826 nr Driftwoo	d, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
		Site	Totals:	\$6,735	\$9,165	\$15,900
Site: 08158827 Onion Ck at Twin Creeks Rd nr	Manchaca, TX					
Full Range Streamflow Station with ELOS	QCONT	1.00	1.00	\$0	\$23,250	\$23,250
		Site 1	Totals:	\$0	\$23,250	\$23,250
Site: 08158840 Slaughter Ck at FM 1826 nr Au	stin, TX					
Full Range Streamflow Station	QCONT	1,00	1.00	\$6,735	\$9,165	\$15,900
		Site	Totals:	\$6,735	\$9,165	\$15,900
Site: 08158860 Slaughter Ck at FM 2304 nr Au	stin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$6,735	\$9,165	\$15,900
Standard Control - Standard Standard Action - Visit (Standard)		Site	Totals:	\$6,735	\$9,165	\$15,900
Site: 08158920 Williamson Ck at Oak Hill. TX				* - *	1. W. J. W. D. C. C.	(T. 6) (T#EN) (THE
Full Range Streamflow Station with ELOS	QCONT	1.00	1.00	\$6,735	\$16,515	\$23,250
		Site	Totals:	\$8,735	\$16,515	\$23,250
Site: 08158927 Kincheon Br at William Cannor	Blvd, Austin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site	Totals:	\$0	\$15,900	\$15,900
Site: 08158930 Williamson Ck at Manchaca Ro	i. Austin. TX					
Full Range Streamflow Station with ELOS	QCONT	1.00	1.00	\$6,735	\$17,395	\$24,130
		Site	Totals:	\$6,735	\$17,395	\$24,130
Site: 08158970 Williamson Ck at Jimmy Clay F	ld Austin TX					****
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
		Site	Totals:	\$0	\$15,900	\$15,900
Site: 08159000 Onion Ck at US Hwy 183, Aust	in. TX			(B)()		X 0 (2 (2) € (3 (3 (3 (3 )
Full Range Streamflow Station-FPS	QCONT	1.00	1.00	\$0	\$0	\$0
ELOS only	ELOS	1,00	1.00	\$0	\$7,130	\$7,130
		Site	Totals:	\$0	\$7,130	\$7,130
Site: 08157540 Waller Creek at Red River, Au	stin. TX				: Teo • : : : : : : : : : : : : : : : : : :	**************************************
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
Residence of the control of the cont			Totals:	\$0	\$15,900	\$15,900
Site: 08157560 Waller Creek at E 1st St, Austi	n. TX					V2000018100000
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
er england to the Constitution of American States (1997)			Totals:	\$0	\$15,900	\$15,900
Site:08158813 Bear Creek at Spillar Ranch, A	ustin. TX	RDW MOD		LF-TV.	5. AUG-5	7,77
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,900	\$15,900
esta na compose 44 to ▼ 0.00 militar de 2 est en 1994 (C. C. T. E. T. T. C. C. S. E. S. C. S. C	0.75£259/075		Totals:	\$0	\$15,900	\$15,900
31 tot	al site(s) under the		***************************************	\$89,090	\$437,320	\$526,410
		THE RESERVE OF THE PARTY OF THE	and the second s	U-1000-11 - 1000-100		

Task 2: Groundwater Data Collection

as	k 2: Groundwater Data Collection						
	Site: 300453097503301 LR-58-58-403 (City of B	uda 1)					
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
			Site 1	otals:	\$1,430	\$2,000	\$3,430
	Site: 300710097485801 YD-58-58-209 Aqua Te	xas					
	Groundwater Standard Chemistry	S1890	1,00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
			Site 1	otals:	\$1,430	\$2,000	\$3,430
	Site: 300723097522001 LR-58-58-111 City of H	layes					
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WOSPER	1.00	1.00	\$285	\$605	\$890
	TO WILL AREA OF THE PROPERTY AND		Site 1	Totals:	\$1,430	\$2,000	\$3,430
	Site: 300854097503801 YD-58-50-750 Frate Ba	arker	7 1874				
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WOSPER	1.00	1.00	\$285	\$605	\$890
	Tottode outline outlood and Trocassing	Wasi Eit		Totals:	\$1,430	\$2,000	\$3,430
	CHA. 204027007504004 VD 58 50 404 147		Jill I	otats.	\$1,430	32,000	43,430
	Site: 301037097521201 YD-58-50-421 J17	S1890	1.00	1.00	64 145	£1 20E	60 540
	Groundwater Standard Chemistry		13.5	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
			Site	Totals:	\$1,430	\$2,000	\$3,430
	Site: 301142097504701 YD-58-50-417 Blowing						
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WOSPER	1.00	1.00	\$285	\$605	\$890
			Site	Totals:	\$1,430	\$2,000	\$3,430
	Site: 302146097445101 YD-58-43-103 Spicew						
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
			Site	Totals:	\$1,430	\$2,000	\$3,430
	Site: 300835097513401 YD-58-50-748 Lancas	ter Tract					
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
			Site	Totals:	\$1,430	\$2,000	\$3,430
	Site: 301336097483301 YD-58-50-230 Pillows	Road					
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
			Site	Totals:	\$1,430	\$2,000	\$3,430
	Site: 301423097495901 YD-58-50-211 Travis	County					301.5000000
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
				Totals:	\$1,430	\$2,000	\$3,430
	Site: 302551097465501 YD-58-34-617 Tangle	wood Corings			4.,100	0,000	
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WOSPER	1.00	1,00	\$285	\$605	\$890
	Periodic Sample Collection and Processing	WOOFER					
			Site	Totals:	\$1,430	\$2,000	\$3,430
	Site: 302554097494701 YD-58-34-414 Sclumb						
	Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
			Site	Totals:	\$1,430	\$2,000	\$3,430
	Site: 30221809745901 YD-58-42-311 Stillhous	TOTAL CONTRACTOR OF THE PARTY O					
	Groundwater Standard Chemistry	S1890	1.00	1,00	\$1,145	\$1,395	\$2,540
	Periodic Sample Collection and Processing	WOSPER	1,00	1,00	\$285	\$605	\$890
			Site	Totals:	\$1,430	\$2,000	\$3,430
	13 to	otal site(s) under	the Task T	otaling:	\$18,590	\$25,000	\$44,590

Task 3: Water Quality

ISK 3: Water Quality						
Site: 08154700 Bull Ck at Loop 360 nr Austin	, TX					
Auto Sampler Operation and Maintenance	WQASAM	4.00	1.00	\$8,970	\$10,970	\$19,940
Storm Sample: Standard Chemistry	51888	4.00	1.00	\$190	\$2,290	\$2,480
		Site 1	Totals:	\$9,160	\$13,260	\$22,420
Site: 08155200 Barton Ck at SH 71 nr Oak H	iii, TX					
Auto Sampler Operation and Maintenance	WQASAM	0.00	1,00	\$0	\$0	\$0
Storm Sample: Standard Chemistry	S1888	0.00	1.00	\$0	\$0	\$0
× × × × × × ×		Site 1	Totals:	\$0	\$0	\$0
Site: 08155240 Barton Ck at Lost Ck Blvd nr	Austin TY	70.00			-	**
Auto Sampler Operation and Maintenance	WOASAM	0.00	1.00	\$0	\$0	\$0
Storm Sample: Standard Chemistry	S1888	0.00	1.00	\$0	\$0	\$0
Culti Campia, Canonia Citoriaciy	01000	0.510,7470	Totals:	\$0	\$0	\$0
Charles 100 Barbar Ct abu Barbar Cana	d Austin TV	Oite	otais.	30	30	40
Site: 08155400 Barton Ck abv Barton Spgs a Auto Sampler Operation and Maintenance	WQASAM	0.00	1.00	\$0	\$0	\$0
	S1888	0.00	1.00	\$0	\$0	
Storm Sample: Standard Chemistry	3 1000					\$0
		Site	Totals:	\$0	\$0	\$0
Site: 08155500 Barton Spgs at Austin, TX		12.7404				
5 Parameter Monitor	WQMON5	1.00	1.00	\$19,260	\$29,300	\$48,560
Periodic Sample Collection and Processing	WQSPER	3.00	1.00	\$0	\$7,500	\$7,500
Groundwater Standard Chemistry	S1890	3.00	1.00	\$0	\$2,670	\$2,670
Pesticides (C-18 SPE), Filtered and Pesticid		2.00	* 00		£2 700	60 700
(HPLC/MS SPE), Filtered	S2437	3.00	1.00	\$0	\$2,789	\$2,789
Volatile Organic Compounds	S2020	3.00	1.00	\$0	\$1,875	\$1,875
		Site	Totals:	\$19,260	\$44,134	\$63,394
Site: 08156800 Shoal Ck at W 12th St, Austi	- A					
Auto Sampler Operation and Maintenance	WQASAM	0.00	1,00	\$0	\$0	\$0
Storm Sample: Standard Chemistry	S1888	0.00	1.00	\$0	\$0	\$0
		Site	Totals:	\$0	\$0	\$0
Site: 08158600 Walnut Ck at Webberville Ro	A TOTAL STREET, SALES					
Auto Sampler Operation and Maintenance	WQASAM	4.00	1.00	\$8,970	\$10,970	\$19,940
Storm Sample: Standard Chemistry	51888	4,00	1,00	\$190	\$2,290	\$2,480
		Site	Totals:	\$9,160	\$13,260	\$22,420
Site: 08158700 Onion Ck nr Driftwood, TX						
Auto Sampler Operation and Maintenance	WQASAM	2,00	1,00	\$4,485	\$5,485	\$9,970
Storm Sample: Standard Chemistry	S1888	2.00	1.00	\$95	\$1,145	\$1,240
		Site	Totals:	\$4,580	\$6,630	\$11,210
Site: 08158810 Bear Ck bl FM 1826 nr Drifty	vood, TX					
Auto Sampler Operation and Maintenance	WQASAM	2.00	1.00	\$4,485	\$5,485	\$9,970
Storm Sample: Standard Chemistry	S1888	2.00	1.00	\$95	\$1,145	\$1,240
		Site	Totals:	\$4,580	\$6,630	\$11,210
Site: 08158840 Slaughter Ck at FM 1826 nr	Austin, TX					
Auto Sampler Operation and Maintenance	WQASAM	4,00	0.00	\$8,970	\$10,970	\$19,940
Storm Sample: Standard Chemistry	S1888	4.00	0.00	\$190	\$2,290	\$2,480
SCHOOL SECTION OF THE PROPERTY OF THE PROPERTY OF SCHOOL SECTION OF THE PROPERTY OF SCHOOL SECTION OF			Totals:	\$9,160	\$13,260	\$22,420
Site: 08158920 Williamson Ck at Oak Hill. T	x			32-71.00		
Auto Sampler Operation and Maintenance	WQASAM	4.00	1.00	\$8,970	\$10,970	\$19,940
Storm Sample: Standard Chemistry	S1888	4.00	1.00	\$190	\$2,290	\$2,480
			Totals:	\$9,160	\$13,260	\$22,420
Site: 301500097424801 Town (Lady Bird) L	k Site AC at Austin TV	Onto		53,100	4101400	VATITAV
Lake Survey Sample Collection and Proces		1.00	1.00	\$5,250	\$4,750	\$10,000
THE STANDARD SHOP WITH THE STANDARD SAFETY AND STANDARD SAFETY AND STANDARD SAFETY AND S		2.00	1.00		\$360	\$360
Pheophytin A and Chlorophyll a	LC3152			\$0 \$430		
Lake Austin without CHY A	S1892	2.00	1.00	\$420	\$940	\$1,360
, A			Totals:	\$5,670	\$6,050	\$11,720
12	total site(s) under the	Task T	otaling:	\$70,730	\$116,484	\$187,214

Task 4: Technical Support

Technical Services and Rating Development	\$0	\$15,000	\$15,000
Task Total:	\$0	\$15,000	\$15,000
31 total site(s) under Task 1 Totaling (00120):	\$89,090	\$437,320	\$526,410
13 total site(s) under Task 2 Totaling (00220):	\$18,590	\$26,000	\$44,590
12 total site(s) under Task 3 Totaling (00320):	\$70,730	\$116,484	\$187,214
Soil Moisture Probe Exploration under Task 4 (00120):	\$0	\$15,000	\$15,000
	\$178,410	\$594,804	5773,214

PROJECT	USGS	CUSTOMER FUNDS	TOTAL
Surface Water: 00120	\$89,090	\$437,320	\$526,410
Ground Water: 00220	\$18,590	\$26,000	\$44,590
Water Quality: 00320	\$70,730	\$116,484	\$187,214
Technical Support: 00120	\$0	\$15,000	\$15,000
AGREEMENT TOTAL:	\$178,410	\$594,804	\$773,214

Form 9-1366 (April 2015) U.S. Department of the Interior U.S. Geological Survey Joint Funding Agreement FOR

**Water Resource Investigations** 

Agreement#: 17CMTX014000000 Customer#: 6000000481 Project #: SJ009ME

TIN #: USGS DUNS #:

Fixed Cost Agreement YES[X | NO| |

THIS AGREEMENT is entered into as of the October 1, 2016, by the U.S. GEOLOGICAL SURVEY, Texas Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the City of Austin party of the second part.

- 1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.
- 2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

(a) \$198,410

by the party of the first part during the period

October 1, 2016 to September 30, 2017

(b) \$588,754

by the party of the second part during the period

October 1, 2016 to September 30, 2017

(c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of:

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
- 3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
- 4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
- 5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
- 6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
- 7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
- 8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).

Form 9-1366 (April 2015)

U.S. Department of the Interior **U.S.** Geological Survey **Joint Funding Agreement** FOR **Water Resource Investigations** 

Agreement#: 17CMTX014000000 Customer#: 6000000481 Project #: SJ009ME

TIN #:

**USGS DUNS #:** 

**USGS Technical Point of Contact** 

**Customer Technical Point of Contact** 

Name:

Meghan Roussel

Supervisory Hydrologist

Address:

1505 Ferguson Lane

Austin, TX 78754

Telephone:

(512) 927-3503

Fax: Email: (512) 927-3590

mroussel@usgs.gov

Name: Address:

505 Barton Springs Rd Suite 1100 Austin, TX 78704

Telephone:

(512) 974-2096

Roger Glick

Fax:

(512) 974-2235

Email:

roger.glick@ci.austin.tx.us

**USGS Billing Point of Contact** 

Kandis Becher **Budget Analyst** 

Address:

Name:

2775 Altamesa Blvd.

Fort Worth, TX 76133

Telephone:

(817) 263-9545 Ext 225

Fax: Email: (817) 361-0459

kkbecher@usgs.gov

Name:

Josie Archer

Watershed Protection Purchasing

**Customer Billing Point of Contact** 

Address:

PO Box 1088 Austin, TX 78767

Telephone:

(512) 974-9735

Fax:

(512) 974-7294

Email:

Josephine.archer@austintexas.gov

U.S. Geological Survey **United States** Department of Interior

City of Austin

Signature

Date: Aug 29, 2016

Name: Timothy H. Raines **Title: Acting Director** 

**Signatures** 

Name:

Date:

Title:

By\_

Name:

Title:

Approved

Name:

Title:

Form 9-1366 (Oct. 2005)

#### U.S. Department of the Interior U.S. Geological Survey Joint Funding Agreement FOR

Water Resource Investigations USG

Agreement#: 16CMTX014000000 Customer#: 6000000481 Project #: SJ009ME TIN #: USGS DUNS #:

Fixed Cost Agreement YES[X]NO[]

THIS AGREEMENT is entered into as of the October 1, 2015, by the U.S. GEOLOGICAL SURVEY, Texas Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the City of Austin party of the second part.

- 1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.
- 2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00
  - (a) \$178,410 by the party of the first part during the period October 1, 2015 to September 30, 2016

    (b) \$621,752 by the party of the second part during the period October 1, 2015 to September 30, 2016
- (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
- 3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
- 4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
- 5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
- 6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
- 7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
- 8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).

Form 9-1366 (Oct. 2005)

U.S. Department of the Interior **U.S.** Geological Survey **Joint Funding Agreement FOR** 

**Water Resource Investigations** 

Agreement#: 16CMTX014000000

Customer#: 6000000481 Project #: SJ009ME

TIN #:

USGS DUNS #:

#### **USGS Technical Point of Contact**

Name:

Meghan C Roussel

Supervisory Hydrologist

Address:

1505 Ferguson Lane Austin, TX 78754-4501

Telephone:

(512) 927-3503 (512) 927-3590

Fax: Email:

mroussel@usgs.gov

Name:

Roger Glick

Address:

505 Barton Springs Rd Suite 1100

**Customer Technical Point of Contact** 

Austin, TX 78704

Telephone:

(512) 974-2096 (512) 974-2235

Fax:

Email:

roger.glick@ci.austin.tx.us

#### **USGS Billing Point of Contact**

Name:

Kandis K Becher

**Budget Analyst** 

Address:

2775 ALTAMESA BLVD

Fort Worth, TX 76133

Telephone:

(817) 263-9545 Ext 225

Fax:

(817) 361-0459 kkbecher@usgs.gov

Email:

Name:

Donna Lee Bliss

Senior Contract Compliance Spec.

**Customer Billing Point of Contact** 

Address:

PO Box 1088 Austin, TX 78767

Telephone:

(512) 974-2530 (512) 974-2279

Fax: Email:

donna-lee.bliss@ci.austin.tx.us

**U.S. Geological Survey United States** Department of Interior

Signature

Date: War 19, 2015

Name: Timothy H. Raines **Title: Acting Director** 

**Signatures** 

City of Austin

CITY OF AUSTIN

By:

Sue Edwards

Name: Title:

Assistant City Manager

alwards

APPROVED AS TO FORM:

By:

Mitzi Cotton

Name: Title:

**Assistant City Attorney** 

## City of Austin 16CMTX014000000

#### Site Information

Description	Code	Units	Diff. Factor	USGS CWP	Customer	Total
Task: 1 - Surface Water Data Collection						
Site: 08105886 Lake Ck at Lake Ck Pkwy nr A	Austin, TX					
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,450	\$15,450
			Site Totals:	\$0	\$15,450	\$15,450
Site: 08154700 Bull Ck at Loop 360 nr Austin,	TX					
Full Range Streamflow Station with ELOS	QCONT	1.00	0.97	\$6,735	\$15,845	\$22,580
			Site Totals:	\$6,735	\$15,845	\$22,580
Site: 08155200 Barton Ck at SH 71 nr Oak Hi	II, TX					
Full Range Streamflow Station	QCONT	1.00	0.97	\$6,735	\$8,255	\$14,990
			Site Totals:	\$6,735	\$8,255	\$14,990
Site: 08155240 Barton Ck at Lost Ck Blvd nr A	Austin, TX					
Full Range Streamflow Station	QCONT	1.00	0.97	\$6,735	\$8,255	\$14,990
			Site Totals:	\$6,735	\$8,255	\$14,990
Site: 08155300 Barton Ck at Loop 360, Austin						
Full Range Streamflow Station-NSIP	QCONT	1.00	0.97	\$0	\$0	\$0
			Site Totals:	\$0	\$0	\$0
Site: 08155400 Barton Ck abv Barton Spgs at						
Full Range Streamflow Station	QCONT	1.00	0.97	\$6,735	\$8,255	\$14,990
			Site Totals:	\$6,735	\$8,255	\$14,990
Site: 08155500 Barton Spgs at Austin, TX				40.70	40.0==	***
Full Range Streamflow Station	QCONT	1.00			\$8,255	\$14,990
			Site Totals:	\$6,735	\$8,255	\$14,990
Site: 08155541 W Bouldin Ck at Oltorf Rd, Au		4.00			<b>*</b> 45 450	<b></b>
Full Range Streamflow Station	QCONT	1.00			\$15,450	\$15,450
			Site Totals:	\$0	\$15,450	\$15,450
Site: 08156675 Shoal Ck at Silverway Dr, Aus		4.00	4.00	ΦO.	¢45.450	<b>645 450</b>
Full Range Streamflow Station	QCONT	1.00			\$15,450	\$15,450
O' 00450000 OL 4 OL 1344404 OL 4 455	T.V.		Site Totals:	\$0	\$15,450	\$15,450
Site: 08156800 Shoal Ck at W 12th St, Austin		1.00	0.97	¢6 725	\$15,845	¢22 500
Full Range Streamflow Station with ELOS	QCONT	1.00				\$22,580
Site, 00150010 Maller Ch et Koonig Lene, Au	otin TV		Site Totals:	\$6,735	\$15,845	\$22,580
Site: 08156910 Waller Ck at Koenig Lane, Au Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,450	\$15,450
Tuil Name Streamiew Station	QUOITI	1.00	Site Totals:		\$15,450	\$15,450
Site: 08158030 Boggy Ck at Manor Rd, Austir	. TX		one rotais.	φυ	\$15,450	φ15, <del>45</del> 0
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,450	\$15,450
I dil Nange Streamiow Station	QUOITI	1.00	Site Totals:		\$15,450	\$15,450
Site: 08158035 Boggy Ck at Webberville Rd,	Austin TY		one rotats.	φυ	φ10,400	φ ( υ, <del>4</del> υ
Full Range Streamflow Station	QCONT	1.00	1.00	\$0	\$15,450	\$15,450
. a ango onoamnon otation	~~~		Site Totals:		\$15,450	\$15,450
			Jite i Otais.	φυ	ψ10,700	ψ10,400

Site: 08158045 Ft Br Boggy Ck at Manor Rd, Austin, TX QCONT-1.00 HIGH 1.00 Full Range Streamflow Station \$0 \$10,910 \$10,910 Site Totals: \$10,910 \$0 \$10,910 Site: 08158200 Walnut Ck at Dessau Rd, Austin, TX **QCONT** 1.00 1.00 Full Range Streamflow Station \$0 \$15,450 \$15,450 Site Totals: \$0 \$15,450 \$15,450 Site: 08158380 Little Walnut Ck at Georgian Dr. Austin, TX Full Range Streamflow Station **QCONT** 1.00 1.00 \$0 \$15,450 \$15,450 Site Totals: \$0 \$15,450 \$15,450 Site: 08158600 Walnut Ck at Webberville Rd, Austin, TX **QCONT** 1.00 Full Range Streamflow Station 1.13 \$8,270 \$9,190 \$17,460 Site Totals: \$17,460 \$8,270 \$9,190 Site: 08158700 Onion Ck nr Driftwood, TX Full Range Streamflow Station **QCONT** 1.00 0.97 \$6,735 \$8,255 \$14,990 Site Totals: \$6,735 \$8,255 \$14,990 Site: 08158810 Bear Ck bl FM 1826 nr Driftwood, TX Full Range Streamflow Station **QCONT** 1.00 0.97 \$6,735 \$8,255 \$14,990 Site Totals: \$6,735 \$8,255 \$14,990 Site: 08158827 Onion Ck at Twin Creeks Rd nr Manchaca, TX Full Range Streamflow Station with ELOS **QCONT** 1.00 1.00 \$0 \$22,580 \$22,580 Site Totals: \$0 \$22.580 \$22,580 Site: 08158840 Slaughter Ck at FM 1826 nr Austin, TX **QCONT** 1.00 0.97 \$6,735 \$8,255 \$14,990 Full Range Streamflow Station Site Totals: \$14.990 \$6,735 \$8,255 Site: 08158860 Slaughter Ck at FM 2304 nr Austin, TX 0.97 Full Range Streamflow Station QCONT 1.00 \$6.735 \$8,255 \$14,990 Site Totals: \$6,735 \$8,255 \$14,990 Site: 08158920 Williamson Ck at Oak Hill, TX 1.00 0.97 Full Range Streamflow Station with ELOS **QCONT** \$6,735 \$15,845 \$22,580 Site Totals: \$15,845 \$22,580 \$6,735 Site: 08158927 Kincheon Br at William Cannon Blvd, Austin, TX **QCONT** 1.00 1.00 \$0 \$15,450 \$15,450 Full Range Streamflow Station Site Totals: \$0 \$15,450 \$15,450 Site: 08158930 Williamson Ck at Manchaca Rd, Austin, TX 1.00 0.97 **QCONT** \$15,845 \$22,580 Full Range Streamflow Station with ELOS \$6,735 Site Totals: \$6,735 \$15,845 \$22,580 Site: 08158970 Williamson Ck at Jimmy Clay Rd, Austin, TX Full Range Streamflow Station **QCONT** 1.00 1.00 \$0 \$15,450 \$15,450 Site Totals: \$0 \$15,450 \$15,450 Site: 08159000 Onion Ck at US Hwy 183, Austin, TX Full Range Streamflow Station-NSIP **QCONT** 1.00 1.00 \$0 \$0 \$0 **ELOS** 0.97 **ELOS** only 1.00 \$0 \$7,130 \$7,130 Site Totals: \$0 \$7,130 \$7,130 Site: 08157540 Waller Creek at Red River, Austin, TX **QCONT** 1.00 1.00 \$15,450 Full Range Streamflow Station \$0 \$15,450 Site Totals: \$15,450 \$0 \$15,450

Full Range Streamflow Station  Site: **NEW** Bear Creek at Spiller Range Streamflow Station	QCONT	1.00				
· ·	nch. Austin. TX		1.00	\$0	\$15,450	\$15,450
· ·	nch. Austin. TX		Site Totals:	\$0	\$15,450	\$15,450
Full Range Streamflow Station						
	QCONT	1.00	1.00	\$0	\$15,450	\$15,450
			Site Totals:	\$0	\$15,450	\$15,450
;	30 total site(s) unde	r the Ta	sk Totaling:	\$89,090	\$380,080	\$469,170
Task 2: Groundwater Data Collection						
Site: 300453097503301 LR-58-58-403	(Civ of Buda 1)					
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Proces		1.00	1.00	\$285	\$605	\$890
			Site Totals:	\$1,430	\$2,000	\$3,430
Site: 300710097485801 YD-58-58-209	Agua Texas			7.,	<b>4</b> –, <b>0</b> 0	40,.00
Groundwater Standard Chemistry	\$1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Proces		1.00	1.00	\$285	\$605	\$890
	<del>-</del>		Site Totals:	\$1,430	\$2,000	\$3,430
Site: 300723097522001 LR-58-58-111	City of Hayes			. ,	,,	÷-,.+•
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Process	sing WQSPER	1.00	1.00	\$285	\$605	\$890
			Site Totals:	\$1,430	\$2,000	\$3,430
Site: 300854097503801 YD-58-50-750	Frate Barker					. ,
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Proces	sing WQSPER	1.00	1.00	\$285	\$605	\$890
			Site Totals:	\$1,430	\$2,000	\$3,430
Site: 301037097521201 YD-58-50-421	J17					
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Proces	sing WQSPER	1.00	1.00	\$285	\$605	\$890
			Site Totals:	\$1,430	\$2,000	\$3,430
Site: 301142097504701 YD-58-50-417	Blowing Sink					
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Proces	sing WQSPER	1.00	1.00	\$285	\$605	\$890
			Site Totals:	\$1,430	\$2,000	\$3,430
Site: 302146097445101 YD-58-43-103	Spicewood Springs					
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Proces	sing WQSPER	1.00	1.00	\$285	\$605	\$890
chodio campic concentra and i recoo			Site Totals:	\$1,430	\$2,000	\$3,430

Site: 301336097483301 YD-58-50-230 Pillows	s Road					
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
		s	ite Totals:	\$1,430	\$2,000	\$3,430
Site: 301423097495901 YD-58-50-211 Travis	County					
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
		S	ite Totals:	\$1,430	\$2,000	\$3,430
Site: 302551097465501 YD-58-34-617 Tangle	ewood Springs					
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
		s	ite Totals:	\$1,430	\$2,000	\$3,430
Site: 302554097494701 YD-58-34-414 Sclum	berger Springs					
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
·		s	ite Totals:	\$1,430	\$2,000	\$3,430
Site: 30221809745901 YD-58-42-311 Stillhou	se Springs			•	•	
Groundwater Standard Chemistry	S1890	1.00	1.00	\$1,145	\$1,395	\$2,540
Periodic Sample Collection and Processing	WQSPER	1.00	1.00	\$285	\$605	\$890
			ite Totals:	\$1,430	\$2,000	\$3,430
13 tot:	al site(s) unde			\$18,590	\$26,000	\$44,590
				, ,		
Site: 08154700 Bull Ck at Loop 360 nr Austin	, TX					
Site: 08154700 Bull Ck at Loop 360 nr Austin Auto Sampler Operation and Maintenance	WQASAM	0.00	1.00	\$0	\$0	\$0
Site: 08154700 Bull Ck at Loop 360 nr Austin Auto Sampler Operation and Maintenance		0.00 0.00	1.00 1.00		\$0 \$0	\$0
Site: 08154700 Bull Ck at Loop 360 nr Austin Auto Sampler Operation and Maintenance	WQASAM	0.00		\$0		\$0 \$0
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry	WQASAM S1888 ill, TX	0.00 S	1.00 Site Totals:	\$0 \$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 \$0
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry Site: 08155200 Barton Ck at SH 71 nr Oak Hi	WQASAM S1888	0.00 S 4.00	1.00 iite Totals: 1.00	\$0 \$0 <b>\$0</b> \$8,970	\$0	\$0 \$0
Site: 08154700 Bull Ck at Loop 360 nr Austin Auto Sampler Operation and Maintenance	WQASAM S1888 ill, TX	0.00 S	1.00 Site Totals:	\$0 \$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 \$0 <b>\$0</b> \$19,940
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance	WQASAM S1888 ili, TX WQASAM	0.00 \$ 4.00 4.00	1.00 iite Totals: 1.00	\$0 \$0 <b>\$0</b> \$8,970	\$0 <b>\$0</b> \$10,970	\$0 \$0 <b>\$0</b> \$19,940 \$2,480
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance	WQASAM S1888 III, TX WQASAM S1888	0.00 \$ 4.00 4.00	1.00 iite Totals: 1.00 1.00	\$0 \$0 <b>\$0</b> \$8,970 \$190	\$0 <b>\$0</b> \$10,970 \$2,290	\$0 \$0 <b>\$0</b> \$19,940 \$2,480
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr	WQASAM S1888 III, TX WQASAM S1888	0.00 \$ 4.00 4.00	1.00 iite Totals: 1.00 1.00	\$0 \$0 <b>\$0</b> \$8,970 \$190	\$0 <b>\$0</b> \$10,970 \$2,290	\$0 \$0 \$19,940 \$2,480 \$22,420
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr A Auto Sampler Operation and Maintenance	WQASAM S1888 III, TX WQASAM S1888 Austin, TX	0.00 \$ 4.00 4.00	1.00 lite Totals: 1.00 1.00 Site Totals:	\$0 \$0 <b>\$0</b> \$8,970 \$190 <b>\$9,160</b>	\$0 <b>\$0</b> \$10,970 \$2,290 <b>\$13,260</b>	\$0 \$0 \$19,940 \$2,480 \$22,420 \$19,940
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr A Auto Sampler Operation and Maintenance	WQASAM S1888 III, TX WQASAM S1888 Austin, TX WQASAM	0.00 s 4.00 4.00 s 4.00 4.00	1.00 iite Totals:  1.00 1.00 iite Totals:  1.00	\$0 \$0 <b>\$0</b> \$8,970 \$190 <b>\$9,160</b> \$8,970	\$0 \$0 \$10,970 \$2,290 \$13,260 \$10,970	\$0 \$0 \$19,940 \$2,480 \$19,940 \$2,480 \$22,420
Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry	WQASAM S1888 III, TX WQASAM S1888 Austin, TX WQASAM S1888	0.00 s 4.00 4.00 s 4.00 4.00	1.00 iite Totals: 1.00 1.00 iite Totals: 1.00 1.00	\$0 \$0 <b>\$0</b> \$8,970 \$190 <b>\$9,160</b> \$8,970 \$190	\$0 \$0 \$10,970 \$2,290 \$13,260 \$10,970 \$2,290	\$0 \$0 \$19,940 \$2,480 \$19,940 \$2,480
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr A Auto Sampler Operation and Maintenance	WQASAM S1888 III, TX WQASAM S1888 Austin, TX WQASAM S1888	0.00 s 4.00 4.00 s 4.00 4.00	1.00 iite Totals: 1.00 1.00 iite Totals: 1.00 1.00	\$0 \$0 <b>\$0</b> \$8,970 \$190 <b>\$9,160</b> \$8,970 \$190	\$0 \$0 \$10,970 \$2,290 \$13,260 \$10,970 \$2,290	\$0 \$0 \$19,940 \$2,480 \$19,940 \$2,480 \$22,420
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr Auto Sample: Standard Chemistry	WQASAM S1888 III, TX WQASAM S1888 Austin, TX WQASAM S1888	0.00 S 4.00 4.00 S 4.00 S	1.00	\$0 \$0 \$0 \$8,970 \$190 \$9,160 \$9,160	\$0 \$0 \$10,970 \$2,290 \$13,260 \$10,970 \$2,290 \$13,260	\$0 \$0 \$19,940 \$2,480 \$19,940 \$2,480 \$22,420
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155400 Barton Ck abv Barton Spgs at Site: 08155400 Barton	WQASAM S1888 III, TX WQASAM S1888 Austin, TX WQASAM S1888	4.00 4.00 4.00 4.00 4.00 4.00	1.00	\$0 \$0 \$0 \$8,970 \$190 \$9,160 \$8,970 \$190 \$9,160	\$0 \$0 \$10,970 \$2,290 \$13,260 \$10,970 \$2,290 \$13,260	\$0 \$0 \$19,940 \$2,480 \$19,940 \$2,480 \$19,940 \$2,480
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155400 Barton Ck abv Barton Spgs at Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry	WQASAM S1888 III, TX WQASAM S1888 Austin, TX WQASAM S1888	4.00 4.00 4.00 4.00 4.00 4.00	1.00	\$0 \$0 \$0 \$190 \$190 \$9,160 \$8,970 \$190 \$8,970 \$190	\$0 \$0 \$10,970 \$2,290 \$13,260 \$10,970 \$2,290 \$10,970 \$2,290	\$0 \$0 \$19,940 \$2,480 \$19,940 \$2,480 \$19,940 \$2,480
Site: 08154700 Bull Ck at Loop 360 nr Austin, Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155200 Barton Ck at SH 71 nr Oak Hi Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155240 Barton Ck at Lost Ck Blvd nr Auto Sampler Operation and Maintenance Storm Sample: Standard Chemistry  Site: 08155400 Barton Ck abv Barton Spgs at Auto Sampler Operation and Maintenance	WQASAM S1888 III, TX WQASAM S1888 Austin, TX WQASAM S1888	4.00 4.00 4.00 4.00 4.00 4.00	1.00	\$0 \$0 \$0 \$190 \$190 \$9,160 \$8,970 \$190 \$8,970 \$190	\$0 \$0 \$10,970 \$2,290 \$13,260 \$10,970 \$2,290 \$10,970 \$2,290	\$0 \$0 \$19,940 \$2,480 \$22,420 \$19,940 \$2,480

Groundwater Standard Chemistry	S1890	3.00	1.00	\$0	\$2,670	\$2,670
Pesticides (C-18 SPE), Filtered	S2001	3.00	1.00	\$0	\$1,635	\$1,635
Volatile Organic Compounds	S2020	3.00	1.00	\$0	\$1,875	\$1,875
Pesticides (HPLC/MS SPE), Filtered	S2060	3.00	1.00	\$0	\$2,610	\$2,610
			Site Totals:	\$19,260	\$45,590	\$64,850
Site: 08156800 Shoal Ck at W 12th St, Austin, 7	ΓX					
Auto Sampler Operation and Maintenance	WQASAM	4.00	1.00	\$8,970	\$10,970	\$19,940
Storm Sample: Standard Chemistry	S1888	4.00	1.00	\$190	\$2,290	\$2,480
			Site Totals:	\$9,160	\$13,260	\$22,420
Site: 08158600 Walnut Ck at Webberville Rd, A	ustin, TX					
Auto Sampler Operation and Maintenance	WQASAM	0.00	1.00	\$0	\$0	\$0
Storm Sample: Standard Chemistry	S1888	0.00	1.00	\$0	\$0	\$0
			Site Totals:	\$0	\$0	\$0
Site: 08158700 Onion Ck nr Driftwood, TX						
Auto Sampler Operation and Maintenance	WQASAM	2.00	1.00	\$4,485	\$5,485	\$9,970
Storm Sample: Standard Chemistry	S1888	2.00	1.00	\$95	\$1,145	\$1,240
			Site Totals:	\$4,580	\$6,630	\$11,210
Site: 08158810 Bear Ck bl FM 1826 nr Driftwoo	d, TX					
Auto Sampler Operation and Maintenance	WQASAM	2.00	1.00	\$4,485	\$5,485	\$9,970
Storm Sample: Standard Chemistry	S1888	2.00	1.00	\$95	\$1,145	\$1,240
			Site Totals:	\$4,580	\$6,630	\$11,210
Site: 08158840 Slaughter Ck at FM 1826 nr Aus	stin, TX					
Auto Sampler Operation and Maintenance	WQASAM	0.00	0.00	\$0	\$0	\$0
Storm Sample: Standard Chemistry	S1888	0.00	0.00	\$0	\$0	\$0
			Site Totals:	\$0	\$0	\$0
Site: 08158920 Williamson Ck at Oak Hill, TX						
Auto Sampler Operation and Maintenance	WQASAM	0.00	1.00	\$0	\$0	\$0
Storm Sample: Standard Chemistry	S1888	0.00	1.00	\$0	\$0	\$0
			Site Totals:	\$0	\$0	\$0
Site: 301500097424801 Town (Lady Bird) Lk Si	te AC at Aust	in, TX				
Lake Survey Sample Collection and Processing	LKSVY	1.00	1.00	\$5,250	\$4,750	\$10,000
Pheophytin A and Chlorophyll a	LC3152	2.00	1.00	\$0	\$360	\$360
Lake Austin without CHY A	S1892	2.00		\$420	\$940	\$1,360
			Site Totals:	\$5,670	\$6,050	\$11,720
12 total	site(s) unde	r the Ta	ask Totaling:	\$70,730	\$117,940	\$188,670
	(0)		<b>3</b>	<b>V</b> . 3,1. 23	<b>*</b> · · · · <b>,</b> · · · ·	
Task 4: Technical Support					Ø4.4.000	<b>#44.000</b>
Technical Services and Rating Development			Took Total:	\$0	\$14,000	\$14,000
			Task Total:	\$0	\$14,000	\$14,000

30 total site(s) under Task 1 Totaling (00120):

13 total site(s) under Task 2 Totaling (00220):

12 total site(s) under Task 3 Totaling (00320):

\$89,090

\$18,590

\$70,730

\$380,080

\$26,000

\$117,940

\$469,170

\$44,590

\$188,670

Technical Support under Task 4 Totaling (00120):	\$0	\$14,000	\$14,000
Flood Hardening/Equip Upgrades (per attachment) Totaling (00120):	\$0	\$83,732	\$83,732
	\$178,410	\$621,752	\$800,162