



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

Requested Board Meeting Date: November 22, 2016

or Procurement Director Award

**Contractor/Vendor Name (DBA):** Stantec Consulting, Inc.

**Project Title/Description:**

Ruthrauff Basin Management Plan

**Purpose:**

Amendment of Award: Contract No. CT-FC-14-421, Amendment No. One (1). This Amendment increases the not-to-exceed amount from \$696,251.00 to \$736,044.00 and extends the term of the contract to June 30, 2017.

The additional scope of services addresses the development of a maintenance plan specific to the needs of the Ruthrauff Basin and the consultants availability to assist the District when responding to comments from the Federal Emergency Management Agency (FEMA). Administering Department: Regional Flood Control District

**Procurement Method:**

Subsequent to Solicitation For Qualifications No. 119948, on March 4, 2014, the Board of Directors awarded a contract for this project not to exceed \$696,251.00 for a contract term from May 9, 2014 to November 8, 2016.

Attachment: Amendment No. One (1)

**Program Goals/Predicted Outcomes:**

The goal is this project is to develop a comprehensive flood control protection program and develop drainage alternatives.

**Public Benefit:**

The public benefit is the District will have a multi-objective approach to managing watersheds, floodplains and resources, and identify future drainage infrastructure needs in the study area thus improving public safety.

**Metrics Available to Measure Performance:**

The information provided will be pertinent to the development of a comprehensive flood control plan.

**Retroactive:**

Yes, the request for Amendment was submitted after the October Board of Supervisor's meeting.

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*TO: COB. 11-17-14 (1)  
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Addendum*

**Original 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): \_\_\_\_\_

Cost to Pima County General Fund: \$ \_\_\_\_\_

Contract is fully or partially funded with Federal Funds?  Yes  No  Not Applicable to Grant Awards

Were insurance or indemnity clauses modified?  Yes  No  Not Applicable to Grant Awards

Vendor is using a Social Security Number?  Yes  No  Not Applicable to Grant Awards

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

**Amendment Information**

Document Type: CT Department Code: FC Contract Number (i.e., 15-123): 14-421

Amendment No.: One (1) AMS Version No.: Ten (10)

Effective Date: November 9, 2016 New Termination Date: June 30, 2017

Expense  Revenue  Increase  Decrease Amount This Amendment: \$ 39,793.00

Funding Source(s): Flood Control Tax Levy

Cost to Pima County General Fund: \_\_\_\_\_

Contact: Anthony V. Schiavone *P. Schiavone*

Department: Procurement *May 11/15/16* Telephone: 724-3245 *Reference 11-4-16*

Department Director Signature/Date: \_\_\_\_\_ *[Signature]* 11/15/16

Deputy County Administrator Signature/Date: \_\_\_\_\_ *[Signature]* 11/16/16

County Administrator Signature/Date: \_\_\_\_\_ *[Signature]* 11/16/16  
*(Required for Board Agenda/Addendum Items)*

<b>PIMA DISTRICT REGIONAL FLOOD CONTROL DISTRICT</b>	
<b>PROJECT NAME:</b> RUTHRAUFF BASIN MANAGEMENT PLAN	
<b>CONSULTANT:</b> Stantec Consulting, Inc. 5151 Broadway Blvd., Suite 400 Tucson, AZ 85711	<b>CONTRACT</b>
<b>CONTRACT NO.:</b> CT-FC-14-421	<b>NO.</b> <u>CT-FC-14-421</u>
<b>AMENDMENT NO.:</b> One (1)	<b>AMENDMENT NO.</b> <u>01</u>
<b>FUNDING:</b> Flood Control Tax Levy	This number must appear on all invoices, correspondence and documents pertaining to this contract.

<b>CONTRACT TERM:</b> 05/09/2014 to 11/08/2016	<b>ORIGINAL CONTRACT AMOUNT:</b>	\$	696,251.00
<b>TERMINATION PRIOR AMENDMENT:</b> N/A	<b>PRIOR AMENDMENTS:</b>	\$	-
<b>TERMINATION THIS AMENDMENT:</b> 06/30/2017	<b>AMOUNT THIS AMENDMENT:</b>	\$	39,793.00
	<b>REVISED CONTRACT AMOUNT:</b>	\$	736,044.00

**CONTRACT AMENDMENT**

**WHEREAS**, DISTRICT and CONSULTANT entered into a Contract for services, as referenced above, dated May 9, 2014; and

**WHEREAS**, DISTRICT requires the CONSULTANT to develop a maintenance plan specific to the needs of the Ruthrauff Basin and assist in response to anticipated comments from the Federal Emergency Management Agency (FEMA); and

**WHEREAS**, contrary to the intent of both Parties the Contract was allowed to expire; and

**WHEREAS**, the Parties have continued to perform as though the Contract were still valid; and

**WHEREAS**, additional services provided by the CONSULTANT will require an extension of the Contract term to June 30, 2017; and

**WHEREAS**, CONSULTANT has agreed to modify the Contract to incorporate these additional items into the Scope of Services at a fee acceptable to DISTRICT.

NOW, THEREFORE, it is agreed as follows:

**CHANGE:** **ARTICLE I – TERM AND EXTENSION/RENEWAL/CHANGES**, first paragraph, as follows:

**From:** This Contract, as executed by the Pima County Regional Flood Control Board of Directors, shall commence on May 9, 2014, and shall terminate on November 8, 2016, unless sooner terminated or further extended pursuant to the provisions of this Contract.

**To:** This Contract, as executed by the Pima County Regional Flood Control Board of Directors, shall commence on May 9, 2014, and shall terminate on June 30, 2017, unless sooner terminated or further extended pursuant to the provisions of this Contract.

**CHANGE:** **ARTICLE II – SCOPE OF SERVICES**, first paragraph, as follows:

**From:** CONSULTANT agrees to provide floodplain management and engineering services for the DISTRICT as described in **APPENDIX ‘A’: SCOPE OF SERVICES** (13 pages), an attachment to this Contract.

To: CONSULTANT agrees to provide floodplain management and engineering services for the DISTRICT as described in APPENDIX 'A': SCOPE OF SERVICES (13 pages) and APPENDIX "A-1" SCOPE OF SERVICES AND FEE MODIFICATION (3 pages), an attachment to this Contract.

CHANGE: ARTICLE III- COMPENSATION AND PAYMENT, first paragraph, as follows:

From: In consideration of the services specified in this Contract, the DISTRICT agrees to pay CONSULTANT Not to Exceed Six Hundred Ninety-Six Thousand, Two Hundred Fifty-One Dollars (\$696,251.00). CONSULTANT'S fees shall be as stated in APPENDIX 'B': CONSULTANT FEE SCHEDULE (4 pages), an attachment to this Contract.

To: In consideration of the services specified in this Contract, the DISTRICT agrees to pay CONSULTANT Not to Exceed Seven Hundred Thirty-six Thousand, Forty-four Dollars and Zero Cents (\$736,044.00). CONSULTANT'S fees shall be as stated in APPENDIX 'B': CONSULTANT FEE SCHEDULE (4 pages) and APPENDIX "A-1", an attachment to this Contract.

ADD: APPENDIX 'A-1', SCOPE OF SERVICES AND FEE MODIFICATION (3 pages), to the contract documents.

The effective date of this Amendment shall be November 9, 2016.

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, the Parties have affixed their signatures to this Amendment on the dates written below.

APPROVED:

\_\_\_\_\_  
Chair, Board of Directors

\_\_\_\_\_  
Date

CONSULTANT

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name and Title (Please Print)

\_\_\_\_\_  
Date

*John S. Wise*  
*John S. Wise, Principal*  
*11/15/16*

ATTEST:

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

APPROVED AS TO FORM:

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

**TOBIN ROSEN**

\_\_\_\_\_  
Name (Please Print)

\_\_\_\_\_  
Date

*11/15/16*

Scope of Work:  
Ruthrauff Basin Management Plan – Add Service  
November 1, 2016

A. Project Purpose

The purpose of the Ruthrauff Basin Management Plan (Plan) Add Service is to provide the following services in support of the Plan

1. Maintenance Plan
2. FEMA LOMR Comments and Coordination
3. Implementation Plan Adoption with Elected Officials and select Private Party(s)
4. Contract Time Extension

1. Maintenance Plan: Develop a maintenance plan specific to the needs of the Ruthrauff Basin. This will include both the County and City areas of authority. It will begin with existing guidance used by the City of Tucson, Pima County Regional Flood Control District, and Pima County Department of Transportation to maintain drainage infrastructure. The plan will include recommendations for applicable methods of Maintenance for recommended flooding and drainage alternatives as identified in the Ruthrauff Basin Management Plan. This will include an evaluation and recommendation of available and potential funding strategies.
  - a) The plan will include recommendations for applicable methods of Maintenance for recommended flooding and drainage alternatives as identified in the Ruthrauff Basin Management Plan. These may include the following types of processes:
    - i. Best Management Practices for the general public
    - ii. Actions for the 2 local government agencies (or their contractors)
    - iii. Actions for privately owned flood and drainage facilities (i.e. HOA's, large commercial parcels, manufactured home parks, etc.)
    - iv. Cooperative actions between the above such as Brush & Bulky Green Waste Pickup or Community Service Day
  - b) This will also include an evaluation of probable annual and suggested periodic maintenance costs for the recommended maintenance plan using available information.
  - c) This will include an evaluation and recommendation of available and potential funding strategies (i.e. existing budgets, special districts, etc.).
2. Addressing Comments for FEMA Map Revision: The improvements associated with the new ADOT/UPRR culvert crossings at Flowing Wells Wash will reduce

flooding on the wash and the associated AO1 zone to the north (Gardner Lane). Therefore, a Letter of Map Revision (LOMR) from FEMA for the re-delineation of the flood zones was submitted for the downstream reach of Flowing Wells Wash, as well as along Runway Drive; incorporating the results of the Ruthrauff watershed FLO-2D results as applicable

- a) This task is to provide support to the District in responding to FEMA's comments on the Map Revision. This is necessitated by FEMA's inexperience with understanding FLO-2D floodplain models and mapping. In addition the installation of the Flowing Wells pipes was delayed by ADOT's contractor and it was just completed in summer 2016.
3. Assist the District in preparing for and meeting with appointed and elected officials and bodies in order to maximize the opportunity for adoption by Resolution of the RBMP by each body.
    - a) This Task is to assist the District in preparing for and meeting with appointed and elected officials and bodies in order to maximize the opportunity for adoption by Resolution of the RBMP by each body.
      - i. The elected bodies include:
        - 1) Flowing Wells Neighborhood Association and Community Coalition, and
        - 2) City of Tucson Mayor and Council (coordinating with Ward 3),
        - 3) Pima County Board of Supervisors (coordinating with Districts 1 and 3).
      - ii. The City and County Departments involved may include Development Services, Transportation and Natural Resources, Parks, and Recreation.
  4. Contract Time Extension. This Task will extend the time on the project until June 30, 2017 in order to complete the BMP including Tasks identified above.

PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT  
CONSULTANT/SUBCONSULTANT SCHEDULED PROJECT MAN-HOURS

CONSULTANT/SUBCONSULTANT NAME: STANTEC CONSULTING INC. CONTRACT NO: CT-FC-14...421  
PROJECT NAME: Ruthrauff Basin Management Plan- Add Service  
Date: 11/1/2016

DIRECT LABOR CLASSIFICATIONS

TASK NO	CONTRACT TASK DESCRIPTION	DIRECT LABOR CLASSIFICATIONS											TOTAL LABOR HOURS BY TASK	TOTAL LABOR (\$)
		Project Manager	Task Leader	Senior Engineer	Senior Engineer	Technical/CADD	GIS Technician	JEPPM	JEPPM	JEPPM	Survey R/S	Survey Crew		
		011	017	018	014	022	010	010	011	013	016	020	LABOR HOURS	LABOR (\$)
1.0	Maintenance Plan Development													
	Research & Analysis	4.0	12.0		24.0		4.0							44.0 \$ 6,564.00
	Report	4.0	16.0		30.0		8.0							56.0 \$ 8,492.00
	<b>Sub-Total</b>													<b>102.0 \$ 15,056.00</b>
1.1	Agency Mtgs													
	City of Tucson	4.0	12.0		8.0									24.0 \$ 3,664.00
	Pima County	4.0	12.0		8.0									24.0 \$ 3,664.00
	Other (Flowing Wells, etc)	4.0	6.0									4.0		14.0 \$ 2,030.00
	<b>Sub-Total</b>													<b>62.0 \$ 9,758.00</b>
<b>TASK TOTAL</b>														<b>164.0 \$ 28,814.00</b>
2.0	FEMA LOMR Comments/Coord													
	Comments	8.0						20.0						28.0 \$ 3,916.00
	<b>TASK TOTAL</b>													<b>28.0 \$ 3,916.00</b>
3.0	Implementation Plan Support													
	City	4.0	16.0		6.0									26.0 \$ 4,244.00
	County	4.0	8.0		6.0							4.0		22.0 \$ 3,228.00
	Other (Flowing Wells, etc)	4.0	8.0		4.0									16.0 \$ 2,620.00
	<b>TASK TOTAL</b>													<b>64.0 \$ 10,092.00</b>
<b>TOTAL LABOR HOURS/\$</b>		40.0	90.0	0.0	86.0	0.0	12.0	20.0	0.0	0.0	0.0	0.0	8.0	256.0 \$ 38,822.00
Reimbursables		\$7,080.0	\$15,030.0	\$0.0	\$12,384.0	\$0.0	\$1,188.0	\$2,500.0	\$0.0	\$0.0	\$0.0	\$0.0	\$640.0	\$38,822.0
<b>TOTAL FEE</b>														<b>\$39,793.00</b>