

## BOARD OF SUPERVISORS AGENDA ITEM SUMMARY

Requested Board Meeting Date: December 3, 2013

### ITEM SUMMARY, JUSTIFICATION and/or SPECIAL CONSIDERATIONS:

Amendment # 1 contract # CT-FC-1400000000000000045, CMG Drainage Engineering, Inc., for Floodplain Management Engineering Services for AIRPORT WASH BASIN MANAGEMENT STUDY. This Amendment adds scope, and increases the contract amount by \$14,950.00. Funding Source: Flood Control District Tax Levy Funds. Administering Department: Regional Flood Control District

This amendment allows for additional flood impact and mitigation studies to be completed.

Effective Date: December 3, 2013

Termination Date: April 19, 2015

Original Contract Amount: \$463,764.00

Previous Amendment(s): \$0.00

Previous Contract Amount: \$463,764.00

This Amount this Amendment: \$14,950.00

Revised Contract Amount: \$478,714.00

Cont #	: CT-FC-14X045-01
Effective	: 12-03-2013
Term	: 04-19-2015
Cost	: \$14,950.00
Rev	: 0
Tot	: \$14,950.00
NTE	: \$478,714.00
Timex	: NO
Renewal	: 01-01-2015
Term	: 04-19-2015

Project Manager: Bill Zimmerman, RFCD (724-4631)

Contract Officer: Mark Koskiniemi, (724-3723)  
Procurement Department

Vendor is using a Social Security Number: NO

Please return to Harry Lewis.

CLERK OF THE BOARD USE ONLY: BOS MTG. \_\_\_\_\_

ITEM No. \_\_\_\_\_

Procure Dept 11/18/13 PM 03:47

To: COB - 11-20-13  
Agenda - 12-3-13  
(1)

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<b>PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT</b>										
<b>PROJECT:</b>	AIRPORT WASH BASIN MANAGEMENT STUDY									
<b>CONSULTANT:</b>	CMG Drainage Engineering, Inc. 3555 N. MOUNTAIN AVE. Tucson, AZ 85719	<table border="1"> <tr> <td colspan="2"><b>CONTRACT</b></td> </tr> <tr> <td><b>NO.</b></td> <td>CT-FC-1400000000000000045</td> </tr> <tr> <td><b>AMENDMENT NO.</b></td> <td>01</td> </tr> <tr> <td colspan="2">This number must appear on all invoices, correspondence and documents pertaining to this contract.</td> </tr> </table>	<b>CONTRACT</b>		<b>NO.</b>	CT-FC-1400000000000000045	<b>AMENDMENT NO.</b>	01	This number must appear on all invoices, correspondence and documents pertaining to this contract.	
<b>CONTRACT</b>										
<b>NO.</b>	CT-FC-1400000000000000045									
<b>AMENDMENT NO.</b>	01									
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<b>CONTRACT NO.:</b>	CT-FC-14000000000000000045									
<b>AMENDMENT NO.:</b>	One (1)									
<b>FUNDING:</b>	Flood Control District Tax Levy Funds									

<b>CONTRACT TERM:</b> 08/20/13-04/19/15	<b>ORIGINAL CONTRACT AMOUNT:</b>	\$	463,764.00
<b>TERMINATION PRIOR AMENDMENT:</b> N/A	<b>PRIOR AMENDMENT(S):</b>	\$	-
<b>TERMINATION THIS AMENDMENT:</b> 04/19/15	<b>AMOUNT THIS AMENDMENT:</b>	\$	14,950.00
	<b>REVISED CONTRACT AMOUNT:</b>	\$	478,714.00

### CONTRACT AMENDMENT

WHEREAS, DISTRICT and CONSULTANT entered into a Contract for services, as referenced above, dated August 20, 2013, and

WHEREAS, DISTRICT has modifications to the scope that will better meet the objectives of this project, and

WHEREAS, CONSULTANT has agreed to perform the additional services with no change in rates.

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

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

FROM: "CONSULTANT agrees to provide Civil Engineering Services for the DISTRICT as described in **APPENDIX A: SCOPE OF SERVICES** (18 pages), an attachment to this contract."

TO: "CONSULTANT agrees to provide Civil Engineering Services for the DISTRICT as described in **APPENDIX A: SCOPE OF SERVICES** (18 pages) and **APPENDIX A-1: Additional Scope of Work** (1 page), attachments to this contract."

**ATTACH APPENDIX A-1: Additional Scope of Work** to the Contract (1 page).

**CHANGE: ARTICLE III – COMPENSATION AND PAYMENT**, first two sentences, as follows:

FROM: "In consideration of the services specified in this Contract, the DISTRICT agrees to pay CONSULTANT Not To Exceed Four Hundred Sixty-Three Thousand, Seven Hundred Sixty-Four Dollars (\$463,764.00). CONSULTANT'S fees shall be as stated in **APPENDIX B: CONSULTANT FEE SCHEDULE** (2 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 Four Hundred Seventy-eight Thousand, Seven Hundred Fourteen Dollars (\$478,714.00). CONSULTANT'S fees shall be as stated in **APPENDIX B: CONSULTANT FEE SCHEDULE** (2 pages) and **APPENDIX B-1: FEE SCHEDULE FOR APPENDIX A-1: ADDITIONAL SCOPE OF WORK** (1 page), attachments to this Contract."

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**ATTACH APPENDIX B-1: FEE SCHEDULE FOR APPENDIX A-1: ADDITIONAL SCOPE OF WORK** (1 page) to the Contract.

This Amendment shall be effective on December 3, 2013.

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

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IN WITNESS WHEREOF, the parties have affixed their signatures to this Amendment on the dates written below.

APPROVED:

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

\_\_\_\_\_  
Date

CONSULTANT:

Jerald L. Curless  
Signature

JERALD L. CURLESS, VICE PRESIDENT  
Name and Title (Please Print)

11/18/2013  
Date

ATTEST:

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

\_\_\_\_\_  
Date

APPROVED AS TO FORM:

Hal Gilbreath  
Deputy County Attorney

**HAL GILBREATH**

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

11.15.13  
Date

## **APPENDIX A-1: Additional Scope of Work**

Perform a flood impact and mitigation study on the Marshall Home property at 3314 S 16<sup>th</sup> Ave in the City of Tucson.

The scope of work of the study will include:

1. Hydrology – compute design peak discharges impacting the property; both entering and leaving the site (propose to use either TSMS Qs or COT Chapter 4 hydrology)
2. Existing floodplain evaluation – determine flow paths and extents of existing flood prone areas on the property (this may include areas impacted by less than 100 cfs)
3. Alternative drainage mitigation measure evaluation – determine and evaluate by hydraulic analyses, two or three alternative measures that could help mitigate the onsite flooding problems
4. Prepare concept-level exhibits for possible mitigation measures
5. Prepare a draft letter report with backup computations that documents the results of the study
6. Resolve RFCD and COT review comments and finalize report

Exclusions: riparian mitigation services are not included.


**CMG DRAINAGE  
ENGINEERING, INC.**

3555 N. Mountain Ave. • P.O. Box 64880 (mail) • Tucson, AZ 85728 • phone: (520) 882-4244 • fax: (520) 888-1421

Project Name: Marshal Home Flooding Evaluation  
 Client: PCRFC  
 Date: 10/31/2013

**FEE ESTIMATE BREAKDOWN BY TASK**

<b>Task 1: Hydrology</b>				
Personnel	Rate	Hours	Fee	
Project Principal	\$ 140.00	0	\$	-
Project Manager	\$ 125.00	4	\$	500.00
Project Engineer	\$ 105.00	6	\$	630.00
Engineer in Training	\$ 90.00	0	\$	-
CADD Tech	\$ 60.00	16	\$	960.00
Clerical / Admin	\$ 40.00	0	\$	-
Sub-Total			\$	2,090.00
<b>Task 2: Exist. Floodplain Evaluation</b>				
Personnel	Rate	Hours	Fee	
Project Principal	\$ 140.00	0	\$	-
Project Manager	\$ 125.00	8	\$	1,000.00
Project Engineer	\$ 105.00	12	\$	1,260.00
Engineer in Training	\$ 90.00	0	\$	-
CADD Tech	\$ 60.00	16	\$	960.00
Clerical / Admin	\$ 40.00	0	\$	-
Sub-Total			\$	3,220.00
<b>Task 3: Alternative Mitigation Measure Evaluation</b>				
Personnel	Rate	Hours	Fee	
Project Principal	\$ 140.00	0	\$	-
Project Manager	\$ 125.00	12	\$	1,500.00
Project Engineer	\$ 105.00	16	\$	1,680.00
Engineer in Training	\$ 90.00	0	\$	-
CADD Tech	\$ 60.00	8	\$	480.00
Clerical / Admin	\$ 40.00	0	\$	-
Sub-Total			\$	3,660.00
<b>Task 4: Mitigation Measure Estimate</b>				
Personnel	Rate	Hours	Fee	
Project Principal	\$ 140.00	0	\$	-
Project Manager	\$ 125.00	8	\$	1,000.00
Project Engineer	\$ 105.00	0	\$	-
Engineer in Training	\$ 90.00	0	\$	-
CADD Tech	\$ 60.00	32	\$	1,920.00
Clerical / Admin	\$ 40.00	0	\$	-
Sub-Total			\$	2,920.00
<b>Task 5: Drainage Report</b>				
Personnel	Rate	Hours	Fee	
Project Principal	\$ 140.00	0	\$	-
Project Manager	\$ 125.00	8	\$	1,000.00
Project Engineer	\$ 105.00	12	\$	1,260.00
Engineer in Training	\$ 90.00	0	\$	-
CADD Tech	\$ 60.00	8	\$	480.00
Clerical / Admin	\$ 40.00	8	\$	320.00
Sub-Total			\$	3,060.00
<b>Total Fees</b>			<b>\$</b>	<b>14,950.00</b>