



BOARD OF SUPERVISORS AGENDA ITEM REPORT
CONTRACTS / AWARDS / GRANTS

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 04/02/19

* = Mandatory, information must be provided

or Procurement Director Award ☐

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

PSOMAS INC

***Project Title/Description:**

El Rio Preserve Bank Protection (5LKMNA)

***Purpose:**

Amendment: Contract No. CT-FC-19-179, Amendment No. One (1). This amendment modifies the scope of work and increases the contract amount by \$12,939.84 for a cumulative not-to-exceed amount of \$255,322.24. Administering Department: Regional Flood Control District

This amendment adds survey services and increases contract amount.

***Procurement Method:**

Pursuant to the Direct Selection authority of A.R.S. § 34-103 the Procurement Director awarded a contract for Requisition No. 313696 on 09/28/18 in the amount of \$242,382.40 for a contract term of 09/28/18 to 06/30/20.

Attachments: Amendment One (1)

***Program Goals/Predicted Outcomes:**

The program goal and predicted outcome for the project includes soil cement bank protection along the Santa Cruz River to offer lower frequency stormwater protection for the Preserve.

***Public Benefit:**

This project will protect the Preserve from frequent flooding which prevents restoration and development of this park and cultural resource site.

***Metrics Available to Measure Performance:**

The performance will be measured using the consultant evaluation process as outlined in BOS Policy D29.1(E).

***Retroactive:**

No.

To: BOB-3-4-19
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C11

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

If Yes, 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: CT Department Code: FC Contract Number (i.e., 15-123): 19-179
Amendment No.: One (1) AMS Version No.: Four (4)
Effective Date: 04/02/19 New Termination Date: _____
Prior Contract No. (Synergen/CMS): _____

☒ Expense or ☐ Revenue ☒ Increase ☐ Decrease Amount This Amendment: \$ 12,939.84

Is there revenue included? ☐ Yes ☒ No If Yes \$ _____

***Funding Source(s) required:** Flood Control Non-Bond Projects
(Flood Control Tax Levy)

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: William Brooks, Procurement Officer 2-14-19 2-14-19
Department: Procurement May 2019 Telephone: 724-3245
Department Director Signature/Date: [Signature] 2/20/19
Deputy County Administrator Signature/Date: [Signature] 3/4/19
County Administrator Signature/Date: [Signature] 3/4/19
(Required for Board Agenda/Addendum Items)

PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT		
PROJECT:	El Rio Preserve Bank Protection (5LKMNA)	
CONSULTANT:	PSOMAS INC. 333 East Wetmore Road, Suite 450 Tucson, Arizona 85705	
CONTRACT NO.:	CT-FC-19-179	
AMENDMENT NO.:	One (1)	
FUNDING:	Flood Control Non-Bond Projects (Flood Control Tax Levy)	
CONTRACT TERM:	09/28/18 - 06/30/20	ORIGINAL CONTRACT AMOUNT: \$ 242,382.40
TERMINATION PRIOR AMENDMENT:	N/A	PRIOR AMENDMENT(S): \$ -
TERMINATION THIS AMENDMENT:	06/30/20	AMOUNT THIS AMENDMENT: \$ 12,939.84
		REVISED CONTRACT AMOUNT: \$ 255,322.24

CONTRACT AMENDMENT

WHEREAS, DISTRICT and CONSULTANT have entered into the Contract referenced above; and

WHEREAS, DISTRICT has directed CONSULTANT to perform survey services; and

WHEREAS, CONSULTANT has agreed to provide these services at a cost acceptable to DISTRICT; and

WHEREAS, DISTRICT and CONSULTANT have agreed to amend the Contract to reflect these modifications.

NOW, THEREFORE, it is agreed as follows:

CHANGE: ARTICLE 2 – SCOPE OF SERVICES, as follows:

FROM: "CONSULTANT agrees to provide Design Engineering Services for the Project for the DISTRICT as described in EXHIBIT A: SCOPE OF WORK (9 pages), attached to this Contract."

TO: "CONSULTANT agrees to provide Design Engineering Services for the Project for the DISTRICT as described in EXHIBIT A: SCOPE OF WORK (9 pages) **and EXHIBIT A – ATTACHMENT 1: SCOPE OF WORK (2 pages)**, attached to this Contract."

CHANGE: ARTICLE 3 – COMPENSATION AND PAYMENT, 1st paragraph as follows:

FROM: "In consideration of the services specified in this Contract, DISTRICT agrees to pay CONSULTANT Not to Exceed Two Hundred Forty-Two Thousand Three Hundred Eighty-Two Dollars and Forty Cents (\$242,382.40). CONSULTANT'S fees will be as stated in EXHIBIT B: CONSULTANT FEE PROPOSAL (27 pages), attached to this Contract. Hourly rates and all other rates included under this Contract will remain fixed throughout the term of the Contract. DISTRICT may consider adjustments to rates in connection with any extensions of the Contract term."

TO: "In consideration of the services specified in this Contract, DISTRICT agrees to pay CONSULTANT Not to Exceed **Two Hundred Fifty-Five Thousand Three Hundred Twenty-Two Dollars and Twenty-Four Cents (\$255,322.24)**. CONSULTANT'S fees will be as stated in EXHIBIT B: CONSULTANT FEE PROPOSAL (27 pages) **and EXHIBIT B - ATTACHMENT 1: CONSULTANT FEE PROPOSAL (4 pages)**, attached to this Contract. Hourly rates and all other rates included under this Contract will remain fixed throughout the term of the Contract. DISTRICT may consider adjustments to rates in connection with any extensions of the Contract term."

ATTACH:

EXHIBIT A - ATTACHMENT 1: SCOPE OF WORK (2 pages)

EXHIBIT B - ATTACHMENT 1: CONSULTANT FEE PROPOSAL (4 pages)

This Amendment shall be effective on April 2, 2019.

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 Contract on the dates written below.

DISTRICT: Regional Flood Control

CONSULTANT:

Chairman, Board of Directors

Signature

Date

Alejandro Angel, Vice President

Name and Title (Please Print)

02/21/19

Date

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:

Christopher Straub

Deputy County Attorney

CHRISTOPHER STRAUB

Name (Please Print)

2-15-2019

Date

EXHIBIT A - ATTACHMENT 1: SCOPE OF WORK (2 pages)

**PIMA COUNTY
REGIONAL FLOOD CONTROL DISTRICT**
201 N STONE AVE, 9th FLOOR, TUCSON,
ARIZONA 85701-1797

**SUZANNE SHIELDS, P.E.
DIRECTOR**

**Phone (520) 724-4600
FAX (520) 724-4621**

January 22, 2019

SCOPE OF WORK:

PROJECT NAME: Design Engineering Services for El Rio Preserve Bank Protection

PROJECT NUMBER: 5LKMNA

PROJECT OVERVIEW

Pima County Regional Flood Control District (District) requires the services of a consultant engineer to develop construction plans, special provisions and engineer's estimate of probable cost for the El Rio Preserve Bank Protection Project. The design is to be based on the District's concept brief. This concept is for approximately 3,800 L.F. of 25-year bank protection to protect the El Rio Preserve, which is owned and managed by Marana, from more frequent flooding such that their restoration efforts can be completed.

The project is currently envisioned to consist of the following:

- Soil Cement Bank Protection
- Handrail
- Post and Cable Fence

SCOPE OF WORK

The scope of work described herein covers work to be completed by Psomas associated with this project. The detailed Scope of Services and fee breakdown are provided as Attachments to this document.

TASK 13.0 SURVEY SERVICES

TASK 13.1 FIELD SURVEY AND AS-BUILT SURVEY

Psomas will provide field and as-built data collection which focus on features where the aerial topography cannot be used or is not of sufficient resolution for design purposes. Particular attention will be given to existing bank protection, soil cement tie-in points, utility bluestake markings, bridges, walls, fences, and additional site features relevant to design and construction. Psomas shall conduct as-built survey for the use in generating the as-built plans.

The District will provide to the Consultant marked-up plans noting as-built conditions. Psomas will provide supplemental survey, field notes, calculations and other documentations as requested by the District PM for the preparation of the As-built plans. Consultant shall submit as-built plans to the District PM. Unless otherwise stated, all work should conform to the standards specified in the Pima County Roadway Design Manual.

TASK 13.2 LEGAL DESCRIPTIONS

Psomas will perform a boundary survey to prepare up to four (4) legal descriptions, with exhibits to assist in securing the property acquisitions and easements required for the project. Psomas will perform sufficient field survey to locate section, subdivision, and property corners. An Intergovernmental Agreement (IGA) has been drafted between the District and Marana which secures the channel bottom and top of bank land from Marana to construct the bank protection.

TASK 13.3 ESTABLISHMENT OF PERMANENT BENCHMARKS

Permanent benchmarks shall be established onsite to aid in the transition of design to project construction. Psomas shall recommend locations and submit them to the County for review. Where available, Psomas shall utilize existing permanent monuments found during the pre-design survey near the project area.

TASK 13.0 DELIVERABLES

- Up to four (4) Legal descriptions and exhibits for property takes, permanent easements and temporary construction easements.

PSOMAS

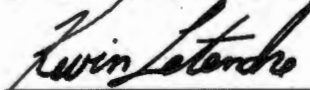
SCOPE / BUDGET REDUCTIONS	
TASK DESCRIPTION	BUDGET
Task 2 – Survey Coordination	(\$1,462.26)
Total	(1,462.26)
SCOPE / FEE ADDITIONS	
Task 13 – Survey Services	\$12,939.84
Total	\$12,939.84
Original Contract Budget	\$242,382.40
Total Budget Reductions	(\$1,462.26)
Total Budget Additions	\$12,939.84
Transfer to Contingency Budget (1)	\$1,462.26
Change to Total Contract Budget	\$12,939.84

(1) Use of contingency budget requires prior approval of RFCD Project Manager

If you have any questions regarding this Change Amendment Request, please contact me at (520) 292-2300.

Respectfully Submitted,

PSOMAS



Kevin Letendre, P.E.

Project Manager

kletendre@psomas.com

PSOMAS

El Rio Preserve Bank Protection

ESTIMATED DIRECT LABOR (Psomas)

<u>Classification</u>	<u>Estimated Man-hours</u>	<u>Hourly Rate</u>	<u>Labor Costs</u>
Project Principal	0	\$214.98	\$ -
Sr. Project Manager	12	\$184.48	\$ 2,213.76
Project Manager	234	\$155.43	\$ 36,370.62
Sr. Project Engineer	73	\$145.26	\$ 10,603.98
Project Engineer	229	\$126.38	\$ 28,941.02
Designer	82	\$99.50	\$ 8,159.00
Survey Manager	4	\$140.18	\$ 560.72
Project Surveyor	40	\$135.82	\$ 5,432.80
Survey Tech.	44	\$76.26	\$ 3,355.44
2-Man Survey	24	\$149.62	\$ 3,590.88
Administration	0	\$88.61	\$ -
Totals:	742		Engineering: \$ 86,288.38
			Survey: \$ 12,939.84
		Transfer to Additional Services:	\$ (1,462.26)
Total Estimated Labor			\$ 97,765.96

ESTIMATED DIRECT EXPENSES

Reproductions	\$ 500.00
Reproductions (CMG)	\$ 650.00
Cooper Aerial Photography	\$ 7,130.00
Potholing (6 locations)	\$ 3,600.00
FEMA Review Fees (CLOMR Only)	\$ 11,500.00
Direct Expenses TOTAL	\$ 23,380.00

<u>Subconsultant</u>	<u>Total</u>
CMG Drainage	\$ 55,870.00
EcoPlan	\$ 57,902.00
SAECO	\$ 7,400.00
Sub-Consultant TOTAL	\$ 121,172.00

TOTAL ESTIMATED LABOR (Psomas)	\$ 97,765.96
TOTAL ESTIMATED DIRECT COSTS (Psomas)	\$ 23,380.00
TOTAL ESTIMATED OUTSIDE SERVICES	\$ 121,172.00
TOTAL ESTIMATED COST	\$ 242,317.96

ADDITIONAL SERVICES (5% To be authorized by PCRFGD on an as-needed basis)	\$ 11,542.02
Transferred from Direct Labor:	\$ 1,462.26
Total Additional Services	\$ 13,004.28

NEW CONTRACT TOTAL	\$ 255,322.24
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Paomas
Project Fee Estimate / Authorized Task List

Project Number: 7PFC160101
Project Name: El Rio Preserve
Project Manager: Kevin Lelandre
Date: 1/29/2019

Task No.	Design Description	Project Principal \$ 214.96 / Hr. Hrs. Amount	Sr. Project Manager \$ 184.46 / Hr. Hrs. Amount	Project Manager \$ 156.43 / Hr. Hrs. Amount	Sr. Project Engineer \$ 145.35 / Hr. Hrs. Amount	Project Engineer \$ 126.36 / Hr. Hrs. Amount	Designer \$ 109.50 / Hr. Hrs. Amount	Survey Manager \$ 140.19 / Hr. Hrs. Amount	Project Surveyor \$ 135.82 / Hr. Hrs. Amount	Survey Tech. \$ 76.35 / Hr. Hrs. Amount	2-Man Survey \$ 150 / Hr. Hrs. Amount	Administration \$ 68.61 / Hr. Hrs. Amount	Paomas Task Total	Subconsultants Amount	Task Total
1.0	Meetings, Communication and Coordination														
1.1	Meetings, Communication and Coordination	5	5	60	5	20	5	5	5	5	5	5	13,117	7,360	20,477
1.2	Schedule	5	5	4	5	3	5	5	5	5	5	5	927	5	932
1.3	Public Participation	5	5	8	5	8	5	5	5	5	5	5	1,661	5	1,666
	Total Meetings, Communication and Coordination	5	5	72	5	36	5	5	5	5	5	5	15,430	7,365	22,795
2.0	Survey Coordination														
	Coordination with PC Survey	5	5	12	5	4	5	5	5	5	5	5	2,371	5	2,376
	Total Survey Coordination	5	5	12	5	4	5	5	5	5	5	5	2,371	5	2,376
3.0	Hydrologic and Hydraulic Analysis														
3.1	Hydrologic and Hydraulic Review Results	5	5	5	5	5	5	5	5	5	5	5	11,700	5	11,705
3.2	HEC-RAS Modeling	5	5	5	5	5	5	5	5	5	5	5	18,220	5	18,225
3.3	Levee Assessment	5	5	5	5	5	5	5	5	5	5	5	3,430	5	3,435
3.4	Hydrologic and Hydraulic Report	5	5	5	5	5	5	5	5	5	5	5	6,490	5	6,495
	Paomas Coordination and QC	5	5	8	5	8	5	5	5	5	5	5	2,002	5	2,007
	Total Hydrologic and Hydraulic Analysis	5	5	8	5	8	5	5	5	5	5	5	2,002	5	2,007
4.0	FEIMA Compliance														
4.1	CLOMR Preparation (if Necessary)	5	5	5	5	5	5	5	5	5	5	5	3,932	5	3,937
4.4	CLOMR Report (if Necessary)	5	5	5	5	5	5	5	5	5	5	5	2,738	5	2,743
	Paomas Coordination and QC	5	5	5	5	4	5	5	5	5	5	5	972	5	977

Peomas

Project Fee Estimate / Authorized Task List

Project Number: 7PFC160101
 Project Name: El Rio Preserve
 Project Manager: Kevin Lelandre
 Date: 1/28/2019

Task No.	Design Description	Project Principal \$ 214.08 / Hr. Hrs. Amount	Sr. Project Manager \$ 184.45 / Hr. Hrs. Amount	Project Manager \$ 155.45 / Hr. Hrs. Amount	Sr. Project Engineer \$ 145.25 / Hr. Hrs. Amount	Project Engineer \$ 125.35 / Hr. Hrs. Amount	Designer \$ 99.50 / Hr. Hrs. Amount	Survey Manager \$ 140.16 / Hr. Hrs. Amount	Project Surveyor \$ 135.82 / Hr. Hrs. Amount	Survey Tech. \$ 75.25 / Hr. Hrs. Amount	2-Man Survey \$ 150 / Hr. Hrs. Amount	Administration \$ 88.61 / Hr. Hrs. Amount	Peomas Task Total	Subconsultants Amount	Task Total
-	Total FEMA Compliance	-	-	4	-	-	-	-	-	-	-	-	972	8,809	9,842
5.0	Geotechnical														
	BAECO - Geotechnical Testing, Analysis and Report	3	3	3	3	3	3	3	3	3	3	3	3	7,400	7,400
	Utility Coordination and Submittals	3	3	3	3	3	3	3	3	3	3	3	3	306	306
	Utility Research & Document Gathering	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Total Geotechnical	-	-	-	-	-	-	-	-	-	-	-	-	7,400	7,400
6.0	Utility Coordination and Design														
	Utility Coordination and Submittals	3	3	4	3	8	3	3	3	3	3	3	3	2,170	2,170
	Utility Research & Document Gathering	3	3	3	3	3	3	3	3	3	3	3	3	306	306
	Total Utility Coordination and Design	-	-	-	-	-	-	-	-	-	-	-	-	2,882	2,882
7.0	404 Permitting & Biological														
	EcoPlan	3	3	3	3	3	3	3	3	3	3	3	3	57,902	57,902
	Coordination/Submittals	3	3	8	3	6	3	3	3	3	3	3	3	2,002	2,002
	Total 404 Permitting & Biological	-	-	-	-	-	-	-	-	-	-	-	-	2,002	59,904
9.0	90% Plans, Specifications, and Cost Estimate														
	Construction Plans (50%)	3	3	18	3	46	3	32	3	3	3	3	3	14,364	14,364
	Special Provisions & Specifications (50%)	3	3	8	3	4	3	3	3	3	3	3	3	2,621	2,621
	Construction Cost Estimate (50%)	3	3	2	3	8	3	3	3	3	3	3	3	2,105	2,105
	QA/QC	3	4	8	3	8	3	3	3	3	3	3	3	3,143	3,143
	Total 90% Plans, Specifications, and Cost Estimate	-	-	-	-	-	-	-	-	-	-	-	-	22,182	22,182
10.0	95% Plans, Specifications, and Cost Estimate														
	Construction Plans (95%)	3	3	12	3	30	3	20	3	3	3	3	3	9,809	9,809
	Special Provisions & Specifications (95%)	3	3	6	3	3	3	3	3	3	3	3	3	2,095	2,095
	Construction Cost Estimate (95%)	3	3	4	3	5	3	3	3	3	3	3	3	2,125	2,125
	SWPPP - Plans & Book (95%)	3	3	2	3	15	3	8	3	3	3	3	3	3,129	3,129
	QA/QC	3	4	15	3	8	3	3	3	3	3	3	3	3,089	3,089
	Total 95% Plans, Specifications, and Cost Estimate	-	-	-	-	-	-	-	-	-	-	-	-	19,227	19,227
11.0	100% Plans, Specifications, and Cost Estimate														
	Construction Plans (100%)	3	3	8	3	12	3	10	3	3	3	3	3	4,527	4,527
	Special Provisions & Specifications (100%)	3	3	6	3	3	3	3	3	3	3	3	3	1,368	1,368
	Construction Cost Estimate (100%)	3	3	2	3	4	3	3	3	3	3	3	3	1,107	1,107
	SWPPP - Plans & Book (100%)	3	3	2	3	6	3	4	3	3	3	3	3	1,487	1,487
	QA/QC	3	4	8	3	8	3	3	3	3	3	3	3	1,981	1,981
	Total 100% Plans, Specifications, and Cost Estimate	-	-	-	-	-	-	-	-	-	-	-	-	10,560	10,560
12.0	Post Design Services														
	Post Design Coordination	3	3	10	3	3	3	3	3	3	3	3	3	1,584	1,584
	RFI Review & Responses	3	3	4	3	12	3	3	3	3	3	3	3	2,760	2,760
	Review of Submittals	3	3	4	3	6	3	3	3	3	3	3	3	1,127	1,127
	As-Built Documents	3	3	6	3	20	3	3	3	3	3	3	3	3,460	3,460
	Total Post Design Services	-	-	-	-	-	-	-	-	-	-	-	-	8,902	8,902
13.0	Survey Services														
	Project Administration	3	3	3	3	3	3	1	3	3	3	3	3	412	412
	Document Research & Title Report Review	3	3	3	3	3	3	1	3	3	3	3	3	1,770	1,770
	As-Built & Property Survey	3	3	3	3	3	3	3	3	3	3	3	3	3,049	3,049
	Survey Base Map	3	3	3	3	3	3	3	3	3	3	3	3	2,307	2,307
	Legal Descriptions & Easements (4)	3	3	3	3	3	3	2	3	3	3	3	3	3,402	3,402
	Total Survey Services	-	-	-	-	-	-	-	-	-	-	-	-	12,940	12,940
Proposal Total		-	-	12	3	234	3	73	3	229	3	44	3	121,172	229,440

Total Labor Costs Peomas	\$ 88,238
Total Subconsultants	\$ 121,172
Total Labor	\$ 229,440

END OF EXHIBIT B - ATTACHMENT 1: CONSULTANT FEE PROPOSAL