

BOARD OF SUPERVISORS AGENDA ITEM SUMMARY

Requested Board Meeting Date: June 4, 2013

ITEM SUMMARY, JUSTIFICATION and/or SPECIAL CONSIDERATIONS:

Amendment #2, contract # CT-FC-11028802-P, PSOMAS, to provide Design Engineering Services for Paseo de las Iglesias Phase 1: Santa Cruz River Bank Protection, Ecosystem Restoration and Linear Parkway for Ajo Way to Silverlake Road (5SERAJ). This amendment increases the contract amount by \$73,058.00 to fund increased coordination and review with the Federal Emergency Management Agency (FEMA). Funding source: 2004 Bond Funds Administering Department: Regional Flood Control District

Effective Date: June 4, 2013
Termination Date: May 1, 2015
Original Contract Amount: \$1,199,420.75
Previous Amendment(s): \$0.00
Previous Contract Amount: \$1,199,420.75
Amount this Amendment: \$73,058.00
Revised Contract Amount: \$1,272,478.75

Cont # : CT-FC-11028802-P-02
Effective: 06-04-2013
Term : 05-01-2015
Cost : \$ 73,058.00
Rev : 0
Tot : \$ 73,058.00
NTE : \$ 1,272,478.75
Time : NO
Renewal: 02-01-2015
Term : 05-01-2015

Project Manager: Deirdre Brosnihan, RFCD, 724-4686
Contract Officer: Mark Koskiniemi, 724-3723
Procurement Department

Vendor is using a Social Security Number: NO

Contract # CT-FC-11028802-P

Please return to Harry Lewis.

CLERK OF THE BOARD USE ONLY: BOS MTG. _____

ITEM No. _____

Procure Dept 05/20/13 11:00

To: CUB - 5.22.13
Agenda - 6-4-13
(11)

PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT

PROJECT: Design Engineering Services for Paseo de las Iglesias Phase 1: Santa Cruz River Bank Protection, Ecosystem Restoration and Linear Parkway for Ajo Way to Silverlake Road (5SERAJ)

CONSULTANT: PSOMAS
800 E. Wetmore, Suite 110
Tucson, AZ 85719

CONTRACT NO.: CT-FC-11028802-P

AMENDMENT NO.: Two (2)

FUNDING: 2004 Bond Funds

CONTRACT

NOCT-FC-11028802-P

AMENDMENT NO. 02

This number must appear on all invoices, correspondence and documents pertaining to this contract.

CONTRACT TERM: 02/01/2011 – 01/31/2014	ORIGINAL CONTRACT AMOUNT:	\$1,199,420.75
TERMINATION PRIOR AMENDMENT: 05/01/2015	PRIOR AMENDMENT(S):	\$ -
TERMINATION THIS AMENDMENT: 05/01/2015	AMOUNT THIS AMENDMENT:	\$ 73,058.00
	REVISED CONTRACT AMOUNT:	\$1,272,478.75

CONTRACT AMENDMENT

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

WHEREAS, the Project requires additional, unforeseen coordination and review with the Federal Emergency Management Agency (FEMA); and

WHEREAS, DISTRICT and CONSULTANT have agreed to modify the Contract to reflect these additional requirements.

NOW, THEREFORE, it is agreed as follows:

Change **ARTICLE IV – COMPENSATION AND PAYMENT**, fourth paragraph:

From: The total of all payments to CONSULTANT for services provided under this Contract shall not exceed One Million, One Hundred Ninety-Nine Thousand, Four Hundred Twenty and 75/100 Dollars (\$1,199,420.75).

To: The total of all payments to CONSULTANT for services provided under this Contract shall not exceed One Million, Two Hundred Seventy-Two Thousand, Four Hundred Seventy-Eight and 75/100 Dollars (\$1,272,478.75).

Replace any references in Contract to **"EXHIBIT 'A' - SCOPE OF SERVICES (79 pages)"** to:

"EXHIBIT 'A' - SCOPE OF SERVICES (79 pages) and EXHIBIT 'A-1' - ADDITIONAL SCOPE OF SERVICES (1 page)".

Replace any references in Contract to **"EXHIBIT 'B' – COMPENSATION SCHEDULE (7 pages)"** to:

"EXHIBIT 'B' – COMPENSATION SCHEDULE (7 pages) and EXHIBIT 'B-1' - COMPENSATION FOR ADDITIONAL SCOPE OF SERVICES (2 pages)".

Attach **EXHIBIT 'A-1' - ADDITIONAL SCOPE OF SERVICES** (1 page) and **EXHIBIT 'B-1' - COMPENSATION FOR ADDITIONAL SCOPE OF SERVICES** (2 pages) to the Contract.

This Amendment shall be effective on June 4, 2013.

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

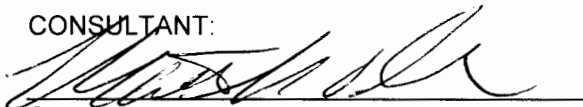
IN WITNESS WHEREOF, the parties have affixed their signatures to this amendment on the dates written below.

APPROVED:

Chair, Board of Directors

Date

CONSULTANT:


Signature

MATTHEW D. CLARK, V.P.
Name and Title (Please Print)

5/20/13

Date

ATTEST:

Clerk of the Board

Date

APPROVED AS TO FORM:


Deputy County Attorney

HAL GILBREATH

Name (Please Print)

5/16/13
Date

EXHIBIT 'A-1' - ADDITIONAL SCOPE OF SERVICES (1 page)**TASK 4.0 – FEMA COMPLIANCE (PHASE B)**

Psomas will complete the required hydraulic modeling, mapping and documentation for preparation of the project CLOMR including providing the Technical Data Notebook (TDN) to RFCD standards. This effort includes delineation of the 500-year floodplain associated with proposed conditions at the project site. Per discussions with RFCD staff, public notification maps will not be required to reflect the impact of changes to the 500 year floodplain. Psomas will take the lead on all coordination with FEMA to address comments and receive final approval of the CLOMR application.

TASK 1.0 – POST DESIGN SERVICES (PHASE B)

Psomas will complete all post-design services as outlined in the original scope services for the project. This task modification provides additional funding for this task due to the complexity of the project. All funds under this task are utilized on a time and materials basis at the discretion and under the direction of the RFCD project manager.

TASK 3.0 – LOMR APPLICATION AND COORDINATION (PHASE B)

Psomas will revise the hydraulic modeling, mapping and TDN from the approved CLOMR application for submittal of the project LOMR. This will include mapping of the 500-year floodplain limits consistent with FEMA requirements. The final model submitted as part of the LOMR application will be based on as-built data collected by a registered surveyor and/or post-construction aerial topography.

TASK 4.0 – POST CONSTRUCTION AERIAL DIGITAL TERRAIN MODEL

Psomas will set the required ground control and obtain the services of a qualified subconsultant to provide post-construction aerial digital terrain modeling (DTM) and 1-foot resolution topography which meets or exceeds Pima County Department of Transportation standards. The extents of the new topography will be limited to those areas impacted by construction. The updated topography will be combined with the existing project topography outside of construction limits to support the project LOMR application.

**PASEO DE LAS IGLESIAS
PHASE B AND C
CONTRACT AMENDMENT #2
Psomas**

ESTIMATED DIRECT LABOR (Psomas)

<u>Classification</u>	<u>Estimated Man-hours</u>	<u>Hourly Rate</u>	<u>Labor Costs</u>
Project Principal	0	\$69.85	\$ -
Sr. Project Manager	78	\$56.70	\$ 4,422.60
Project Engineer	58	\$40.50	\$ 2,349.00
Designer	189	\$32.49	\$ 6,140.61
CAD Operator	0	\$25.95	\$ -
Project Hydrologist	0	\$46.75	\$ -
Survey Manager	0	\$56.70	\$ -
Project Surveyor	3	\$40.36	\$ 121.08
Survey Tech.	0	\$22.89	\$ -
2-Man Survey	18	\$44.11	\$ 793.98
Administration	0	\$29.20	\$ -
Total	346		\$ 13,827.27

Overhead (179.8%) \$ 24,861.43

Fee (10%) \$ 3,868.87

Total Labor Costs \$ 42,557.57

<u>Subconsultant</u>	<u>Total</u>
McGann	\$ 5,000.00
RECON	\$ 10,000.00
Aerial Subcontractor	\$ 15,000.00
Sub-Consultant TOTAL	\$ 30,000.00

TOTAL ESTIMATED LABOR (Psomas)	\$ 42,557.57
TOTAL ESTIMATED DIRECT COSTS (Psomas)	\$ 500.43
TOTAL ESTIMATED OUTSIDE SERVICES	\$ 30,000.00

CONTRACT TOTAL \$ 73,058.00

Psomas
Project Fee Estimate / Authorized Task List

Project Number: 799C100102
Project Name: Phase 2B.C. (Amendment #2)
Project Manager: Mike Day
Date: 5/9/2013

BU No.	Design Description	Project Principal \$69.86 / Hr. Hrs. Amount	Sr. Project Manager \$6.70 / Hr. Hrs. Amount	Project Engineer \$40.50 / Hr. Hrs. Amount	Designer \$32.49 / Hr. Hrs. Amount	Survey Manager \$56.70 / Hr. Hrs. Amount	Project Surveyor \$40.36 / Hr. Hrs. Amount	Survey Tech \$22.89 / Hr. Hrs. Amount	2-Min. Survey \$44.11 / Hr. Hrs. Amount	Administration \$25.20 / Hr. Hrs. Amount	Project Task Total	Overhead (175.80%)	Fee (10%)	Project w/ OH & Fee	Subcontract Amount	Task Total
4.0 FEMA Compliance (Phase B)																
4.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
4.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase B)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
5.0 FEMA Compliance (Phase C)																
5.1	Final Design Services (Phase C)	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
5.2	Final Design Services (Time and Materials)	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total Final Design Services (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
6.0 FEMA Compliance (Phase C)																
6.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
6.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
7.0 FEMA Compliance (Phase C)																
7.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
7.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
8.0 FEMA Compliance (Phase C)																
8.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
8.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
9.0 FEMA Compliance (Phase C)																
9.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
9.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
10.0 FEMA Compliance (Phase C)																
10.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
10.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
11.0 FEMA Compliance (Phase C)																
11.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
11.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
12.0 FEMA Compliance (Phase C)																
12.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
12.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
13.0 FEMA Compliance (Phase C)																
13.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
13.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
14.0 FEMA Compliance (Phase C)																
14.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
14.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
15.0 FEMA Compliance (Phase C)																
15.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
15.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
16.0 FEMA Compliance (Phase C)																
16.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
16.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
17.0 FEMA Compliance (Phase C)																
17.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
17.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
18.0 FEMA Compliance (Phase C)																
18.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
18.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
19.0 FEMA Compliance (Phase C)																
19.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
19.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
20.0 FEMA Compliance (Phase C)																
20.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
20.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
21.0 FEMA Compliance (Phase C)																
21.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
21.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
22.0 FEMA Compliance (Phase C)																
22.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
22.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
23.0 FEMA Compliance (Phase C)																
23.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
23.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
24.0 FEMA Compliance (Phase C)																
24.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
24.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
25.0 FEMA Compliance (Phase C)																
25.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
25.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
26.0 FEMA Compliance (Phase C)																
26.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
26.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
27.0 FEMA Compliance (Phase C)																
27.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
27.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
28.0 FEMA Compliance (Phase C)																
28.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
28.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
29.0 FEMA Compliance (Phase C)																
29.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
29.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
30.0 FEMA Compliance (Phase C)																
30.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
30.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
31.0 FEMA Compliance (Phase C)																
31.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
31.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
32.0 FEMA Compliance (Phase C)																
32.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
32.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
33.0 FEMA Compliance (Phase C)																
33.1	CLONE Preparation	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
33.2	CLONE Subcontractor	1	2	1	24	1	1	1	1	1	3	2,079	1,810	750	0	3,247
Total FEMA Compliance (Phase C)		2	4	2	48	2	2	2	2	2	6	4,158	3,620	1,500	0	10,998
34.0 FEMA Compliance (Phase C)																