

**SUBMITTAL TO THE FLOOD CONTROL AND  
WATER CONSERVATION DISTRICT BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

209B



**FROM:** General Manager-Chief Engineer

**SUBMITTAL DATE:**  
October 22, 2013

**SUBJECT:** Project Award - Arroyo Del Toro Channel, Stage 1, Project No. 3-0-00170-01,  
325 Working Days, District 1/District 1, [\$5,110,182.00] Zone 3 Funds

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. The Board approve the low bid submitted by the firm of KIP, Incorporated for \$5,110,182.00, for the construction of the above referenced project.
2. Authorize the Chairman to execute the contract on behalf of the District.

**BACKGROUND:**

Summary

The bid documents have been reviewed and approved for award by County Counsel.

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*Warren D. Williams*  
WARREN D. WILLIAMS  
General Manager-Chief Engineer

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 3,000,000.00	\$ 2,110,182.00	\$ 5,110,182.00	\$	Consent <input type="checkbox"/> Policy <input type="checkbox"/>
NET DISTRICT COST	\$ 3,000,000.00	\$ 2,110,182.00	\$ 5,110,182.00	\$	
<b>SOURCE OF FUNDS:</b> 25130 947440 527980 Zone 3 Const/Maint/Misc-Contracts				<b>Budget Adjustment:</b> No	
				<b>For Fiscal Year:</b> 13/14 - 14/15	

**C.E.O. RECOMMENDATION:**

APPROVE  
*Steven C. Horn*  
BY: Steven C. Horn, MPA

County Executive Office Signature

**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Tavaglione, seconded by Supervisor Stone and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Stone, Benoit and Ashley  
Nays: None  
Absent: None  
Date: October 22, 2013  
xc: Flood

Kecia Harper-Ihem  
Clerk of the Board  
By: *Kecia Harper-Ihem*  
Deputy

FISCAL PROCEDURES APPROVED  
 JEANINE J. REY, FINANCE DIRECTOR  
 BY: *Jeanine J. Rey* 10/8/13  
 JEANINE J. REY  
 Departmental Concurrence  
 P8\156344  
 DATE  
 FORM APPROVED BY COUNTY COUNSEL  
 BY: *Neil P. M...*  
 HEAL R. KIPNIS

- A-30
- 4/5 Vote
- Positions Added
- Change Order

**SUBMITTAL TO THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

**FORM 11:** Project Award - Arroyo Del Toro Channel, Stage 1, Project No. 3-0-00170-01,  
325 Working Days, District 1/District 1, [\$5,110,182.00]

**DATE:** October 22, 2013

**PAGE:** Page 2 of 2

**Impact on Citizens and Businesses**

This project will construct drainage infrastructure to remedy ongoing flooding problems. This project is funded by ad-valorem property tax revenue and entails no new fees, taxes nor bonded indebtedness.

**Contract History and Price Reasonableness**

Pursuant to Public Contract Code 21091, invitation of sealed bids was solicited by advertising in print and digital media.

P8\156344

# Riverside County Flood Control & Water Conservation District

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax: 951.788.9965



## Bid Summary

**Project Name:** ARROYO DEL TORO CHANNEL STAGE 1

**Project Number:** 3-0-0170-01

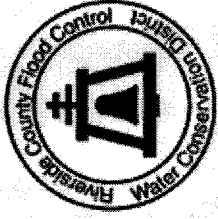
**Bid Open Date:** 09/19/2013

<i>Total</i>	<i>Contractor Name</i>	<i>Address</i>	<i>Phone</i>
\$5,110,182.00	KIP, INCORPORATED	25740 Washington Avenue Murrieta, CA 92562	949.310.0804
\$5,775,543.00	LONEROCK, INC.	26 Vista Firenze Laguna Hills, CA 92653	714.632.3044
\$5,973,277.20	ADAMS MALLORY CONSTRUCTION CO., INC.	740 S. Van Buren, Unit A Placentia, CA 92870-6632	909.425.3907
\$6,089,044.00	H & H GENERAL CONTRACTORS, INC.	Post Office Box 536 Highland, CA 92346-0536	951-734-3010
\$6,218,640.00	KEC ENGINEERING	200 N. Sherman Avenue Corona, CA 92882	951-682-8308
\$6,371,711.00	RIVERSIDE CONSTRUCTION COMPANY, INC.	Post Office Box 1146 Riverside, CA 92502-1146	805.937.5859
\$6,592,434.50	LOS ANGELES ENGINEERING	4134 Temple City Boulevard Rosemead, CA 91770	626.960.7787
\$7,320,337.00	SPIESS CONSTRUCTION CO., INC.	Post Office Box 2849 Santa Maria, CA 93457	
\$7,475,316.00	MIKE BUBALO CONSTRUCTION CO., INC.	5102 Gayhurst Avenue Baldwin Park, CA 91706	
\$5,833,053.00	RCFC Engineer's Estimate		

**Bid Abstract**

**Riverside County Flood Control & Water Conservation District**

1995 Market St. Riverside, CA 92501 Phone: 951.955.1200 Fax: 951.788.9965



**Project Name:** ARROYO DEL TORO CHANNEL STAGE 1

**Project Number:** 3-0-0170-01

**Bid Open Date:** 09/19/2013

**ENGINEER'S ESTIMATE**

**KIP, INCORPORATED**

**LONEROCK, INC.**

Item No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
1 MOBILIZATION	L.S.	1	\$300,000.00	\$300,000.00	\$65,000.00	\$65,000.00	\$375,000.00	\$375,000.00
2 WATER CONTROL	L.S.	1	\$80,000.00	\$80,000.00	\$27,500.00	\$27,500.00	\$10,000.00	\$10,000.00
3 TRAFFIC CONTROL	L.S.	1	\$100,000.00	\$100,000.00	\$55,000.00	\$55,000.00	\$10,000.00	\$10,000.00
4 CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$50,000.00	\$50,000.00	\$70,000.00	\$70,000.00	\$130,000.00	\$130,000.00
5 EXCAVATION	C.Y.	43,840	\$15.00	\$657,600.00	\$5.00	\$219,200.00	\$2.50	\$109,600.00
6 ASPHALT CONCRETE EXCAVATION	C.Y.	642	\$5.00	\$3,210.00	\$60.00	\$38,520.00	\$35.00	\$22,470.00
7 BACKFILL	C.Y.	17,117	\$13.00	\$222,521.00	\$5.00	\$85,585.00	\$2.00	\$34,234.00
8 COMPACTED BACKFILL	C.Y.	7,316	\$5.00	\$36,580.00	\$6.50	\$47,554.00	\$3.00	\$21,948.00
9 SELECT MATERIAL BACKFILL	C.Y.	179	\$25.00	\$4,475.00	\$35.00	\$6,265.00	\$15.00	\$2,685.00
10 CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	46	\$65.00	\$2,990.00	\$135.00	\$6,210.00	\$250.00	\$11,500.00
11 FILTER MATERIAL	C.Y.	2,125	\$37.00	\$78,625.00	\$45.00	\$95,625.00	\$30.00	\$63,750.00
12 TRENCH SAFETY SYSTEM AND FALSEWORK	L.S.	1	\$40,000.00	\$40,000.00	\$22,500.00	\$22,500.00	\$155,000.00	\$155,000.00
13 JOINTED PLAIN CONCRETE PAVEMENT	C.Y.	187	\$305.00	\$57,035.00	\$240.00	\$44,880.00	\$400.00	\$74,800.00
14 CLASS "A" CONCRETE, REINFORCED CONCRETE BOX AND BOX TRANSITIONS	C.Y.	3,892	\$550.00	\$2,140,600.00	\$572.00	\$2,226,224.00	\$700.00	\$2,724,400.00
15 CLASS "A" CONCRETE, RECTANGULAR CHANNEL AND TRANSITION	C.Y.	963	\$500.00	\$481,500.00	\$585.00	\$563,355.00	\$700.00	\$674,100.00
16 CLASS "A" CONCRETE, TRAPEZOIDAL CHANNEL	C.Y.	129	\$450.00	\$58,050.00	\$305.00	\$39,345.00	\$600.00	\$77,400.00
17 CLASS "A" CONCRETE, PARAPET WALLS, RETAINING WALLS, AND CUTOFF WALLS (4' AND 6')	C.Y.	87	\$800.00	\$69,600.00	\$740.00	\$64,380.00	\$650.00	\$56,550.00
18 CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	49	\$800.00	\$39,200.00	\$700.00	\$34,300.00	\$800.00	\$39,200.00
19 CLASS "B" CONCRETE	C.Y.	10	\$460.00	\$4,600.00	\$1,300.00	\$13,000.00	\$800.00	\$8,000.00
20 JUNCTION STRUCTURE NO. 1	EACH	3	\$3,300.00	\$9,900.00	\$1,850.00	\$5,550.00	\$3,500.00	\$10,500.00
21 RCP TO CHANNEL JUNCTION STRUCTURE	EACH	17	\$4,000.00	\$68,000.00	\$2,150.00	\$36,550.00	\$3,000.00	\$51,000.00
22 JUNCTION STRUCTURE NO. 8	EACH	1	\$3,000.00	\$3,000.00	\$10,500.00	\$10,500.00	\$8,000.00	\$8,000.00
23 MANHOLE NO. 3	EACH	4	\$2,600.00	\$10,400.00	\$1,650.00	\$6,600.00	\$7,500.00	\$30,000.00
24 ACCESS SHAFT	EACH	2	\$36,000.00	\$72,000.00	\$60,000.00	\$120,000.00	\$30,000.00	\$60,000.00

**Project Name:** ARROYO DEL TORO CHANNEL STAGE 1

**Project Number:** 3-0-0170-01

**Bid Open Date:** 09/19/2013

		ENGINEER'S ESTIMATE			KIP, INCORPORATED			LONEROCK, INC.		
Item No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
25 24" RCP, CLASS IV	L.F.	150	\$93.00	\$13,950.00	\$60.00	\$9,000.00	\$180.00	\$27,000.00		
26 30" RCP, CLASS IV	L.F.	102	\$108.00	\$11,016.00	\$70.00	\$7,140.00	\$250.00	\$25,500.00		
27 36" RCP, CLASS IV	L.F.	277	\$116.00	\$32,132.00	\$85.00	\$23,545.00	\$330.00	\$91,410.00		
28 48" RCP, 2500D	L.F.	168	\$166.00	\$27,888.00	\$125.00	\$21,000.00	\$450.00	\$75,600.00		
29 AGGREGATE BASE, CLASS 2	C.Y.	1,101	\$62.00	\$68,262.00	\$48.00	\$52,848.00	\$20.00	\$22,020.00		
30 HMA, TYPE "C"	TONS	1,294	\$100.00	\$129,400.00	\$130.00	\$168,220.00	\$80.00	\$103,520.00		
31 6-FOOT CHAIN LINK FENCE	L.F.	2,224	\$20.00	\$44,480.00	\$18.00	\$40,032.00	\$23.00	\$51,152.00		
32 TEMPORARY FENCING	L.F.	1,895	\$5.00	\$9,475.00	\$9.00	\$17,055.00	\$7.00	\$13,265.00		
33 3-FOOT CABLE RAILING	L.F.	1,643	\$11.00	\$18,073.00	\$12.00	\$19,716.00	\$15.00	\$24,645.00		
34 14-FOOT DOUBLE DRIVE GATE	EACH	1	\$1,500.00	\$1,500.00	\$1,250.00	\$1,250.00	\$1,500.00	\$1,500.00		
35 MISCELLANEOUS IRON AND STEEL	LBS.	2,494	\$2.00	\$4,988.00	\$2.00	\$4,988.00	\$3.00	\$7,482.00		
36 SUBDRAIN	L.F.	712	\$23.00	\$16,376.00	\$15.00	\$10,680.00	\$55.00	\$39,160.00		
37 OBJECT MARKERS	EACH	13	\$75.00	\$975.00	\$45.00	\$585.00	\$250.00	\$3,250.00		
38 18" STEEL PIPE	L.F.	60	\$79.00	\$4,740.00	\$85.00	\$5,100.00	\$150.00	\$9,000.00		
39 8" STEEL PIPE	L.F.	180	\$29.00	\$5,220.00	\$50.00	\$9,000.00	\$80.00	\$14,400.00		
40 6" STEEL PIPE	L.F.	240	\$18.00	\$4,320.00	\$40.00	\$9,600.00	\$70.00	\$16,800.00		
41 ROCK SLOPE PROTECTION, 12" FACING CLASS	C.Y.	15	\$30.00	\$450.00	\$115.00	\$1,725.00	\$75.00	\$1,125.00		
42 ROCK SLOPE PROTECTION, 1/2-TON CLASS	C.Y.	1,213	\$42.00	\$50,946.00	\$52.00	\$63,076.00	\$57.00	\$69,141.00		
43 FILTER BLANKET, NO. 2 BACKING	C.Y.	310	\$41.00	\$12,710.00	\$58.00	\$17,980.00	\$57.00	\$17,670.00		
44 FILTER FABRIC	S.Y.	4,422	\$3.00	\$13,266.00	\$4.50	\$19,899.00	\$3.00	\$13,266.00		
45 DUST ABATEMENT	L.S.	1	\$25,000.00	\$25,000.00	\$55,000.00	\$55,000.00	\$5,000.00	\$5,000.00		
46 HYDROSEEDING	ACRE	11.0	\$2,500.00	\$27,500.00	\$2,600.00	\$28,600.00	\$2,000.00	\$22,000.00		
47 STORMWATER AND NON-STORMWATER POLLUTION CONTROL	L.S.	1	\$30,000.00	\$30,000.00	\$52,000.00	\$52,000.00	\$6,000.00	\$6,000.00		
48 GROUNDWATER DEWATERING (WITHOUT TREATMENT)	L.S.	1	\$180,000.00	\$180,000.00	\$140,000.00	\$140,000.00	\$5,000.00	\$5,000.00		
49 TREATMENT OF DEWATERING DISCHARGES	L.S.	1	\$101,000.00	\$101,000.00	\$82,000.00	\$82,000.00	\$5,000.00	\$5,000.00		
50 RELOCATE 18-INCH SEWER LINE	L.S.	1	\$30,000.00	\$30,000.00	\$42,000.00	\$42,000.00	\$82,000.00	\$82,000.00		

**Project Name:** ARROYO DEL TORO CHANNEL STAGE 1

**Project Number:** 3-0-0170-01

**Bid Open Date:** 09/19/2013

LONEROCK, INC.

KIP, INCORPORATED

ENGINEER'S ESTIMATE

Item No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
51 RELOCATE 10-INCH WATERLINE	L.S.	1	\$22,000.00	\$22,000.00	\$37,500.00	\$37,500.00	\$65,000.00	\$65,000.00
52 RELOCATE 16-INCH WATERLINE	L.S.	1	\$36,000.00	\$36,000.00	\$53,000.00	\$53,000.00	\$75,000.00	\$75,000.00
53 RELOCATE 24-INCH WATERLINE	L.S.	1	\$60,000.00	\$60,000.00	\$73,000.00	\$73,000.00	\$85,000.00	\$85,000.00
54 PHASING/SEWER BYPASS PLAN	L.S.	1	\$61,500.00	\$61,500.00	\$29,000.00	\$29,000.00	\$3,500.00	\$3,500.00
55 GROUND IMPROVEMENTS	L.S.	1	\$200,000.00	\$200,000.00	\$112,000.00	\$112,000.00	\$35,000.00	\$35,000.00
				<b>\$5,833,053.00</b>		<b>\$5,110,182.00</b>		<b>\$5,775,543.00</b>

Project Name: ARROYO DEL TORO CHANNEL STAGE 1

Project Number: 3-0-0170-01

Bid Open Date: 09/19/2013

ADAMS MALLORY  
CONSTRUCTION CO., INC.

H & H GENERAL  
CONTRACTORS, INC.

KEC ENGINEERING

Item No. & Description	Unit	Quantity	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
1 MOBILIZATION	L.S.	1	\$307,000.00	\$307,000.00	\$482,000.00	\$482,000.00	\$100.00	\$100.00
2 WATER CONTROL	L.S.	1	\$39,000.00	\$39,000.00	\$14,000.00	\$14,000.00	\$5,400.00	\$5,400.00
3 TRAFFIC CONTROL	L.S.	1	\$31,000.00	\$31,000.00	\$136,000.00	\$136,000.00	\$95,000.00	\$95,000.00
4 CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$257,000.00	\$257,000.00	\$201,000.00	\$201,000.00	\$109,500.00	\$109,500.00
5 EXCAVATION	C.Y.	43,840	\$4.60	\$201,664.00	\$9.20	\$403,328.00	\$12.00	\$526,080.00
6 ASPHALT CONCRETE EXCAVATION	C.Y.	642	\$212.50	\$136,425.00	\$38.50	\$24,717.00	\$48.00	\$30,816.00
7 BACKFILL	C.Y.	17,117	\$4.60	\$78,738.20	\$19.00	\$325,223.00	\$55.00	\$941,435.00
8 COMPACTED BACKFILL	C.Y.	7,316	\$14.00	\$102,424.00	\$15.75	\$115,227.00	\$17.00	\$124,372.00
9 SELECT MATERIAL BACKFILL	C.Y.	179	\$50.00	\$8,950.00	\$64.00	\$11,456.00	\$40.00	\$7,160.00
10 CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	46	\$110.00	\$5,060.00	\$125.00	\$5,750.00	\$120.00	\$5,520.00
11 FILTER MATERIAL	C.Y.	2,125	\$28.00	\$59,500.00	\$43.00	\$91,375.00	\$60.00	\$127,500.00
12 TRENCH SAFETY SYSTEM AND FALSEWORK	L.S.	1	\$36,750.00	\$36,750.00	\$156,975.00	\$156,975.00	\$135,000.00	\$135,000.00
13 JOINTED PLAIN CONCRETE PAVEMENT	C.Y.	187	\$455.00	\$85,085.00	\$486.00	\$90,882.00	\$293.00	\$54,791.00
14 CLASS "A" CONCRETE, REINFORCED CONCRETE BOX AND BOX TRANSITIONS	C.Y.	3,892	\$598.00	\$2,327,416.00	\$505.50	\$1,967,406.00	\$416.00	\$1,619,072.00
15 CLASS "A" CONCRETE, RECTANGULAR CHANNEL AND TRANSITION	C.Y.	963	\$510.00	\$491,130.00	\$497.00	\$478,611.00	\$465.00	\$447,795.00
16 CLASS "A" CONCRETE, TRAPEZOIDAL CHANNEL	C.Y.	129	\$379.00	\$48,891.00	\$469.00	\$60,501.00	\$300.00	\$38,700.00
17 CLASS "A" CONCRETE, PARAPET WALLS, RETAINING WALLS, AND CUTOFF WALLS (4' AND 6')	C.Y.	87	\$576.00	\$50,112.00	\$770.00	\$66,990.00	\$700.00	\$60,900.00
18 CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	49	\$530.00	\$25,970.00	\$1,009.00	\$49,441.00	\$1,150.00	\$56,350.00
19 CLASS "B" CONCRETE	C.Y.	10	\$601.00	\$6,010.00	\$713.00	\$7,130.00	\$1,320.00	\$13,200.00
20 JUNCTION STRUCTURE NO. 1	EACH	3	\$16,200.00	\$48,600.00	\$2,836.00	\$8,508.00	\$1,875.00	\$5,625.00
21 RCP TO CHANNEL JUNCTION STRUCTURE	EACH	17	\$5,500.00	\$93,500.00	\$1,325.00	\$22,525.00	\$2,600.00	\$44,200.00
22 JUNCTION STRUCTURE NO. 8	EACH	1	\$16,500.00	\$16,500.00	\$4,025.00	\$4,025.00	\$7,300.00	\$7,300.00
23 MANHOLE NO. 3	EACH	4	\$12,600.00	\$50,400.00	\$2,616.00	\$10,464.00	\$1,900.00	\$7,600.00
24 ACCESS SHAFT	EACH	2	\$16,700.00	\$33,400.00	\$30,475.00	\$60,950.00	\$85,000.00	\$170,000.00

**Project Name:** ARROYO DEL TORO CHANNEL STAGE 1

**Project Number:** 3-0-0170-01

**Bid Open Date:** 09/19/2013

Item No. & Description	Unit	Quantity	ADAMS MALLORY CONSTRUCTION CO., INC.		H & H GENERAL CONTRACTORS, INC.		KEC ENGINEERING	
			Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
25 24" RCP, CLASS IV	L.F.	150	\$169.00	\$25,350.00	\$229.00	\$34,350.00	\$95.00	\$14,250.00
26 30" RCP, CLASS IV	L.F.	102	\$248.00	\$25,296.00	\$330.00	\$33,660.00	\$95.00	\$9,690.00
27 36" RCP, CLASS IV	L.F.	277	\$241.00	\$66,757.00	\$240.00	\$66,480.00	\$115.00	\$31,855.00
28 48" RCP, 2500D	L.F.	168	\$310.00	\$52,080.00	\$325.50	\$54,684.00	\$150.00	\$25,200.00
29 AGGREGATE BASE, CLASS 2	C.Y.	1,101	\$54.00	\$59,454.00	\$78.00	\$85,878.00	\$45.00	\$49,545.00
30 HMA, TYPE "C"	TONS	1,294	\$176.00	\$227,744.00	\$82.00	\$106,108.00	\$115.00	\$148,810.00
31 6-FOOT CHAIN LINK FENCE	L.F.	2,224	\$18.00	\$40,032.00	\$18.00	\$40,032.00	\$24.00	\$53,376.00
32 TEMPORARY FENCING	L.F.	1,895	\$5.40	\$10,233.00	\$6.00	\$11,370.00	\$8.00	\$15,160.00
33 3-FOOT CABLE RAILING	L.F.	1,643	\$10.00	\$16,430.00	\$10.00	\$16,430.00	\$16.00	\$26,288.00
34 14-FOOT DOUBLE DRIVE GATE	EACH	1	\$1,260.00	\$1,260.00	\$1,265.00	\$1,265.00	\$1,550.00	\$1,550.00
35 MISCELLANEOUS IRON AND STEEL	LBS.	2,494	\$11.00	\$27,434.00	\$3.50	\$8,729.00	\$1.50	\$3,741.00
36 SUBDRAIN	L.F.	712	\$55.00	\$39,160.00	\$29.00	\$20,648.00	\$22.00	\$15,664.00
37 OBJECT MARKERS	EACH	13	\$974.00	\$12,662.00	\$150.00	\$1,950.00	\$125.00	\$1,625.00
38 18" STEEL PIPE	L.F.	60	\$305.00	\$18,300.00	\$98.00	\$5,880.00	\$90.00	\$5,400.00
39 8" STEEL PIPE	L.F.	180	\$293.00	\$52,740.00	\$37.50	\$6,750.00	\$35.00	\$6,300.00
40 6" STEEL PIPE	L.F.	240	\$270.00	\$64,800.00	\$29.00	\$6,960.00	\$28.00	\$6,720.00
41 ROCK SLOPE PROTECTION, 12" FACING CLASS	C.Y.	15	\$139.00	\$2,085.00	\$100.00	\$1,500.00	\$300.00	\$4,500.00
42 ROCK SLOPE PROTECTION, 1/2-TON CLASS	C.Y.	1,213	\$62.00	\$75,206.00	\$65.00	\$78,845.00	\$55.00	\$66,715.00
43 FILTER BLANKET, NO. 2 BACKING	C.Y.	310	\$62.00	\$19,220.00	\$57.50	\$17,825.00	\$72.00	\$22,320.00
44 FILTER FABRIC	S.Y.	4,422	\$4.50	\$19,899.00	\$3.00	\$13,266.00	\$2.50	\$11,055.00
45 DUST ABATEMENT	L.S.	1	\$52,600.00	\$52,600.00	\$92,000.00	\$92,000.00	\$43,000.00	\$43,000.00
46 HYDROSEEDING	ACRE	11.0	\$2,510.00	\$27,610.00	\$3,450.00	\$37,950.00	\$3,100.00	\$34,100.00
47 STORMWATER AND NON-STORMWATER POLLUTION CONTROL	L.S.	1	\$30,400.00	\$30,400.00	\$17,000.00	\$17,000.00	\$53,000.00	\$53,000.00
48 GROUNDWATER DEWATERING (WITHOUT TREATMENT)	L.S.	1	\$118,100.00	\$118,100.00	\$58,000.00	\$58,000.00	\$170,400.00	\$170,400.00
49 TREATMENT OF DEWATERING DISCHARGES	L.S.	1	\$28,700.00	\$28,700.00	\$56,000.00	\$56,000.00	\$70,660.00	\$70,660.00
50 RELOCATE 18-INCH SEWER LINE	L.S.	1	\$31,000.00	\$31,000.00	\$49,000.00	\$49,000.00	\$130,500.00	\$130,500.00



**Project Name:** ARROYO DEL TORO CHANNEL STAGE 1

**Project Number:** 3-0-0170-01

**Bid Open Date:** 09/19/2013

Item No. & Description	Unit	Quantity	ADAMS MALLORY CONSTRUCTION CO., INC.		H & H GENERAL CONTRACTORS, INC.		KEC ENGINEERING	
			Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
51 RELOCATE 10-INCH WATERLINE	L.S.	1	\$24,200.00	\$24,200.00	\$49,000.00	\$49,000.00	\$103,000.00	\$103,000.00
52 RELOCATE 16-INCH WATERLINE	L.S.	1	\$26,900.00	\$26,900.00	\$69,000.00	\$69,000.00	\$132,800.00	\$132,800.00
53 RELOCATE 24-INCH WATERLINE	L.S.	1	\$46,200.00	\$46,200.00	\$87,000.00	\$87,000.00	\$110,000.00	\$110,000.00
54 PHASING/SEWER BYPASS PLAN	L.S.	1	\$43,600.00	\$43,600.00	\$15,000.00	\$15,000.00	\$7,000.00	\$7,000.00
55 GROUND IMPROVEMENTS	L.S.	1	\$147,300.00	\$147,300.00	\$152,000.00	\$152,000.00	\$211,000.00	\$211,000.00
				<b>\$5,973,277.20</b>		<b>\$6,089,044.00</b>		<b>\$6,218,640.00</b>

Project Name: ARROYO DEL TORO CHANNEL STAGE 1

Project Number: 3-0-0170-01  
 Bid Open Date: 09/19/2013

Item No. & Description	Unit	Quantity	RIVERSIDE CONSTRUCTION COMPANY, INC.		LOS ANGELES ENGINEERING		SPIESS CONSTRUCTION CO., INC.	
			Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
1 MOBILIZATION	L.S.	1	\$500,000.00	\$500,000.00	\$476,000.00	\$476,000.00	\$535,300.00	\$535,300.00
2 WATER CONTROL	L.S.	1	\$80,000.00	\$80,000.00	\$500.00	\$500.00	\$7,314.00	\$7,314.00
3 TRAFFIC CONTROL	L.S.	1	\$100,000.00	\$100,000.00	\$75,500.00	\$75,500.00	\$77,380.00	\$77,380.00
4 CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$155,000.00	\$155,000.00	\$85,000.00	\$85,000.00	\$26,500.00	\$26,500.00
5 EXCAVATION	C.Y.	43,840	\$8.50	\$372,640.00	\$7.40	\$324,416.00	\$6.70	\$293,728.00
6 ASPHALT CONCRETE EXCAVATION	C.Y.	642	\$40.00	\$25,680.00	\$40.00	\$25,680.00	\$37.00	\$23,754.00
7 BACKFILL	C.Y.	17,117	\$13.00	\$222,521.00	\$21.80	\$373,150.60	\$4.00	\$68,468.00
8 COMPACTED BACKFILL	C.Y.	7,316	\$8.00	\$58,528.00	\$1.60	\$11,705.60	\$4.75	\$34,751.00
9 SELECT MATERIAL BACKFILL	C.Y.	179	\$13.00	\$2,327.00	\$36.00	\$6,444.00	\$74.00	\$13,246.00
10 CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	46	\$240.00	\$11,040.00	\$221.00	\$10,166.00	\$122.00	\$5,612.00
11 FILTER MATERIAL	C.Y.	2,125	\$45.00	\$95,625.00	\$40.00	\$85,000.00	\$79.00	\$167,875.00
12 TRENCH SAFETY SYSTEM AND FALSEWORK	L.S.	1	\$180,000.00	\$180,000.00	\$65,000.00	\$65,000.00	\$43,460.00	\$43,460.00
13 JOINTED PLAIN CONCRETE PAVEMENT	C.Y.	187	\$380.00	\$71,060.00	\$394.00	\$73,678.00	\$265.00	\$49,555.00
14 CLASS "A" CONCRETE, REINFORCED CONCRETE BOX AND BOX TRANSITIONS	C.Y.	3,892	\$545.00	\$2,121,140.00	\$619.00	\$2,409,148.00	\$751.75	\$2,925,811.00
15 CLASS "A" CONCRETE, RECTANGULAR CHANNEL AND TRANSITION	C.Y.	963	\$565.00	\$544,095.00	\$588.00	\$566,244.00	\$927.00	\$892,701.00
16 CLASS "A" CONCRETE, TRAPEZOIDAL CHANNEL	C.Y.	129	\$415.00	\$53,535.00	\$368.00	\$47,472.00	\$291.00	\$37,539.00
17 CLASS "A" CONCRETE, PARAPET WALLS, RETAINING WALLS, AND CUTOFF WALLS (4' AND 6')	C.Y.	87	\$750.00	\$65,250.00	\$910.00	\$79,170.00	\$440.00	\$38,280.00
18 CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	49	\$1,200.00	\$58,800.00	\$674.00	\$33,026.00	\$445.00	\$21,805.00
19 CLASS "B" CONCRETE	C.Y.	10	\$1,300.00	\$13,000.00	\$960.00	\$9,600.00	\$137.80	\$1,378.00
20 JUNCTION STRUCTURE NO. 1	EACH	3	\$2,700.00	\$8,100.00	\$2,800.00	\$8,400.00	\$1,001.00	\$3,003.00
21 RCP TO CHANNEL JUNCTION STRUCTURE	EACH	17	\$7,000.00	\$119,000.00	\$2,400.00	\$40,800.00	\$1,001.00	\$17,017.00
22 JUNCTION STRUCTURE NO. 8	EACH	1	\$5,000.00	\$5,000.00	\$11,500.00	\$11,500.00	\$1,001.00	\$1,001.00
23 MANHOLE NO. 3	EACH	4	\$1,600.00	\$6,400.00	\$2,500.00	\$10,000.00	\$1,335.00	\$5,340.00
24 ACCESS SHAFT	EACH	2	\$70,000.00	\$140,000.00	\$110,000.00	\$220,000.00	\$54,749.00	\$109,498.00

**Project Name: ARROYO DEL TORO CHANNEL STAGE 1**

**Project Number:** 3-0-0170-01  
**Bid Open Date:** 09/19/2013

**SPIESS CONSTRUCTION  
CO., INC.**

**LOS ANGELES  
ENGINEERING**

**RIVERSIDE  
CONSTRUCTION  
COMPANY, INC.**

Item No. & Description	Unit	Quantity	RIVERSIDE CONSTRUCTION COMPANY, INC.		LOS ANGELES ENGINEERING		SPIESS CONSTRUCTION CO., INC.	
			Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
25 24" RCP, CLASS IV	L.F.	150	\$95.00	\$14,250.00	\$100.00	\$15,000.00	\$180.20	\$27,030.00
26 30" RCP, CLASS IV	L.F.	102	\$117.00	\$11,934.00	\$107.00	\$10,914.00	\$281.00	\$28,662.00
27 36" RCP, CLASS IV	L.F.	277	\$170.00	\$47,090.00	\$280.00	\$77,560.00	\$154.00	\$42,658.00
28 48" RCP, 2500D	L.F.	168	\$195.00	\$32,760.00	\$207.00	\$34,776.00	\$275.50	\$46,284.00
29 AGGREGATE BASE, CLASS 2	C.Y.	1,101	\$70.00	\$77,070.00	\$57.00	\$62,757.00	\$53.00	\$58,353.00
30 HMA, TYPE "C"	TONS	1,294	\$88.50	\$114,519.00	\$90.00	\$116,460.00	\$134.50	\$174,043.00
31 6-FOOT CHAIN LINK FENCE	L.F.	2,224	\$19.00	\$42,256.00	\$22.00	\$48,928.00	\$32.00	\$71,168.00
32 TEMPORARY FENCING	L.F.	1,895	\$10.00	\$18,950.00	\$4.50	\$8,527.50	\$10.60	\$20,087.00
33 3-FOOT CABLE RAILING	L.F.	1,643	\$18.00	\$29,574.00	\$13.00	\$21,359.00	\$20.00	\$32,860.00
34 14-FOOT DOUBLE DRIVE GATE	EACH	1	\$1,600.00	\$1,600.00	\$1,400.00	\$1,400.00	\$1,765.00	\$1,765.00
35 MISCELLANEOUS IRON AND STEEL	LBS.	2,494	\$1.00	\$2,494.00	\$3.30	\$8,230.20	\$2.50	\$6,235.00
36 SUBDRAIN	L.F.	712	\$10.50	\$7,476.00	\$6.00	\$4,272.00	\$5.00	\$3,560.00
37 OBJECT MARKERS	EACH	13	\$50.00	\$650.00	\$51.00	\$663.00	\$74.00	\$962.00
38 18" STEEL PIPE	L.F.	60	\$65.00	\$3,900.00	\$80.00	\$4,800.00	\$80.50	\$4,830.00
39 8" STEEL PIPE	L.F.	180	\$45.00	\$8,100.00	\$40.00	\$7,200.00	\$45.60	\$8,208.00
40 6" STEEL PIPE	L.F.	240	\$40.00	\$9,600.00	\$38.00	\$9,120.00	\$40.30	\$9,672.00
41 ROCK SLOPE PROTECTION, 12" FACING CLASS	C.Y.	15	\$225.00	\$3,375.00	\$110.00	\$1,650.00	\$201.40	\$3,021.00
42 ROCK SLOPE PROTECTION, 1/2-TON CLASS	C.Y.	1,213	\$55.00	\$66,715.00	\$65.00	\$78,845.00	\$102.00	\$123,726.00
43 FILTER BLANKET, NO. 2 BACKING	C.Y.	310	\$48.00	\$14,880.00	\$58.00	\$17,980.00	\$102.80	\$31,868.00
44 FILTER FABRIC	S.Y.	4,422	\$3.50	\$15,477.00	\$3.30	\$14,592.60	\$2.50	\$11,055.00
45 DUST ABATEMENT	L.S.	1	\$76,000.00	\$76,000.00	\$80,000.00	\$80,000.00	\$43,460.00	\$43,460.00
46 HYDROSEEDING	ACRE	11.0	\$2,300.00	\$25,300.00	\$2,500.00	\$27,500.00	\$4,240.00	\$46,640.00
47 STORMWATER AND NON-STORMWATER POLLUTION CONTROL	L.S.	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$60,420.00	\$60,420.00
48 GROUNDWATER DEWATERING (WITHOUT TREATMENT)	L.S.	1	\$70,000.00	\$70,000.00	\$259,000.00	\$259,000.00	\$493,695.00	\$493,695.00
49 TREATMENT OF DEWATERING DISCHARGES	L.S.	1	\$20,000.00	\$20,000.00	\$40,000.00	\$40,000.00	\$137,800.00	\$137,800.00
50 RELOCATE 18-INCH SEWER LINE	L.S.	1	\$112,000.00	\$112,000.00	\$65,000.00	\$65,000.00	\$98,050.00	\$98,050.00

**Project Name: ARROYO DEL TORO CHANNEL STAGE I**

**Project Number:** 3-0-0170-01

**Bid Open Date:** 09/19/2013

Item No. & Description	Unit	Quantity	RIVERSIDE CONSTRUCTION		LOS ANGELES ENGINEERING		SPIESS CONSTRUCTION CO., INC.	
			Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
51 RELOCATE 10-INCH WATERLINE	L.S.	1	\$88,000.00	\$88,000.00	\$51,000.00	\$51,000.00	\$62,120.00	\$62,120.00
52 RELOCATE 16-INCH WATERLINE	L.S.	1	\$113,000.00	\$113,000.00	\$72,000.00	\$72,000.00	\$72,600.00	\$72,600.00
53 RELOCATE 24-INCH WATERLINE	L.S.	1	\$95,000.00	\$95,000.00	\$87,000.00	\$87,000.00	\$103,880.00	\$103,880.00
54 PHASING/SEWER BYPASS PLAN	L.S.	1	\$6,000.00	\$6,000.00	\$8,300.00	\$8,300.00	\$25,970.00	\$25,970.00
55 GROUND IMPROVEMENTS	L.S.	1	\$185,000.00	\$185,000.00	\$260,000.00	\$260,000.00	\$69,339.00	\$69,339.00
			<b>\$6,371,711.00</b>		<b>\$6,592,434.50</b>		<b>\$7,320,337.00</b>	

**Project Name:** ARROYO DEL TORO CHANNEL STAGE 1

**Project Number:** 3-0-0170-01

**Bid Open Date:** 09/19/2013

**MIKE BUBALO  
CONSTRUCTION CO., INC.**

<i>Item No. &amp; Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>
1 MOBILIZATION	L.S.	1	\$750,000.00	\$750,000.00
2 WATER CONTROL	L.S.	1	\$20,000.00	\$20,000.00
3 TRAFFIC CONTROL	L.S.	1	\$10,000.00	\$10,000.00
4 CLEARING AND MISCELLANEOUS WORK	L.S.	1	\$40,000.00	\$40,000.00
5 EXCAVATION	C.Y.	43,840	\$50.00	\$2,192,000.00
6 ASPHALT CONCRETE EXCAVATION	C.Y.	642	\$15.00	\$9,630.00
7 BACKFILL	C.Y.	17,117	\$10.00	\$171,170.00
8 COMPACTED BACKFILL	C.Y.	7,316	\$15.00	\$109,740.00
9 SELECT MATERIAL BACKFILL	C.Y.	179	\$80.00	\$14,320.00
10 CONTROLLED LOW STRENGTH MATERIAL (CLSM)	C.Y.	46	\$90.00	\$4,140.00
11 FILTER MATERIAL	C.Y.	2,125	\$40.00	\$85,000.00
12 TRENCH SAFETY SYSTEM AND FALSEWORK	L.S.	1	\$100,000.00	\$100,000.00
13 JOINTED PLAIN CONCRETE PAVEMENT	C.Y.	187	\$250.00	\$46,750.00
14 CLASS "A" CONCRETE, REINFORCED CONCRETE BOX AND BOX TRANSITIONS	C.Y.	3,892	\$500.00	\$1,946,000.00
15 CLASS "A" CONCRETE, RECTANGULAR CHANNEL AND TRANSITION	C.Y.	963	\$500.00	\$481,500.00
16 CLASS "A" CONCRETE, TRAPEZOIDAL CHANNEL	C.Y.	129	\$450.00	\$58,050.00
17 CLASS "A" CONCRETE, PARAPET WALLS, RETAINING WALLS, AND CUTOFF WALLS (4' AND 6')	C.Y.	87	\$800.00	\$69,600.00
18 CLASS "A" CONCRETE, MINOR STRUCTURES	C.Y.	49	\$600.00	\$29,400.00
19 CLASS "B" CONCRETE	C.Y.	10	\$500.00	\$5,000.00
20 JUNCTION STRUCTURE NO. 1	EACH	3	\$2,000.00	\$6,000.00
21 RCP TO CHANNEL JUNCTION STRUCTURE	EACH	17	\$1,500.00	\$25,500.00
22 JUNCTION STRUCTURE NO. 8	EACH	1	\$7,000.00	\$7,000.00
23 MANHOLE NO. 3	EACH	4	\$2,500.00	\$10,000.00
24 ACCESS SHAFT	EACH	2	\$2,000.00	\$4,000.00

Project Name: ARROYO DEL TORO CHANNEL STAGE 1

Project Number: 3-0-0170-01

Bid Open Date: 09/19/2013

MIKE BUBALO  
CONSTRUCTION CO., INC.

Item No. & Description	Unit	Quantity	Unit Bid	Total Bid
25 24" RCP, CLASS IV	L.F.	150	\$110.00	\$16,500.00
26 30" RCP, CLASS IV	L.F.	102	\$125.00	\$12,750.00
27 36" RCP, CLASS IV	L.F.	277	\$145.00	\$40,165.00
28 48" RCP, 2500D	L.F.	168	\$200.00	\$33,600.00
29 AGGREGATE BASE, CLASS 2	C.Y.	1,101	\$50.00	\$55,050.00
30 HMA, TYPE "C"	TONS	1,294	\$80.00	\$103,520.00
31 6-FOOT CHAIN LINK FENCE	L.F.	2,224	\$30.00	\$66,720.00
32 TEMPORARY FENCING	L.F.	1,895	\$15.00	\$28,425.00
33 3-FOOT CABLE RAILING	L.F.	1,643	\$35.00	\$57,505.00
34 14-FOOT DOUBLE DRIVE GATE	EACH	1	\$5,000.00	\$5,000.00
35 MISCELLANEOUS IRON AND STEEL	LBS.	2,494	\$4.00	\$9,976.00
36 SUBDRAIN	L.F.	712	\$30.00	\$21,360.00
37 OBJECT MARKERS	EACH	13	\$200.00	\$2,600.00
38 18" STEEL PIPE	L.F.	60	\$300.00	\$18,000.00
39 8" STEEL PIPE	L.F.	180	\$250.00	\$45,000.00
40 6" STEEL PIPE	L.F.	240	\$150.00	\$36,000.00
41 ROCK SLOPE PROTECTION, 12" FACING CLASS	C.Y.	15	\$200.00	\$3,000.00
42 ROCK SLOPE PROTECTION, 1/2-TON CLASS	C.Y.	1,213	\$125.00	\$151,625.00
43 FILTER BLANKET, NO. 2 BACKING	C.Y.	310	\$50.00	\$15,500.00
44 FILTER FABRIC	S.Y.	4,422	\$10.00	\$44,220.00
45 DUST ABATEMENT	L.S.	1	\$20,000.00	\$20,000.00
46 HYDROSEEDING	ACRE	11.0	\$4,000.00	\$44,000.00
47 STORMWATER AND NON-STORMWATER POLLUTION CONTROL	L.S.	1	\$15,000.00	\$15,000.00
48 GROUNDWATER DEWATERING (WITHOUT TREATMENT)	L.S.	1	\$70,000.00	\$70,000.00
49 TREATMENT OF DEWATERING DISCHARGES	L.S.	1	\$55,000.00	\$55,000.00
50 RELOCATE 18-INCH SEWER LINE	L.S.	1	\$45,000.00	\$45,000.00

**Project Name:** ARROYO DEL TORO CHANNEL STAGE 1

**Project Number:** 3-0-0170-01  
**Bid Open Date:** 09/19/2013

**MIKE BUBALO  
CONSTRUCTION CO., INC.**

<i>Item No. &amp; Description</i>	<i>Unit</i>	<i>Quantity</i>	<i>Unit Bid</i>	<i>Total Bid</i>
51 RELOCATE 10-INCH WATERLINE	L.S.	1	\$55,000.00	\$55,000.00
52 RELOCATE 16-INCH WATERLINE	L.S.	1	\$80,000.00	\$80,000.00
53 RELOCATE 24-INCH WATERLINE	L.S.	1	\$120,000.00	\$120,000.00
54 PHASING/SEWER BYPASS PLAN	L.S.	1	\$2,000.00	\$2,000.00
55 GROUND IMPROVEMENTS	L.S.	1	\$8,000.00	\$8,000.00

**\$7,475,316.00**

**SPECIFICATIONS AND CONTRACT DOCUMENTS FILED  
WITH THE CLERK OF THE BOARD OFFICE**

**FOR**

**ARROYO DEL TORO CHANNEL**

**STAGE 1**

**PROJECT NO. 3-0-0170**

**ITEM 11-2 OF OCTOBER 22, 2013**