

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



ITEM  
11.2  
(ID # 2755)

**MEETING DATE:**  
Tuesday, November 15, 2016

**FROM :** FLOOD CONTROL DISTRICT:

**SUBJECT:** FLOOD CONTROL DISTRICT: Project Award – Santa Ana River Non-Native Invasive Removal, Project No. 1-0-00010, 20 Working Days, 2nd District, (\$144,945) District Funds 100%

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

1. Authorize the General Manager-Chief Engineer to execute the contract for the Santa Ana Watershed Association (SAWA) for the above-referenced project pursuant to District Resolution No. F93-28, Agenda Item No. 9.1 of August 24, 1993, Resolution Delegating Authority to the General Manager-Chief Engineer as to Change Orders and Emergency Work.

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$144,945	\$ N/A	\$144,945	\$ N/A	Consent <input type="checkbox"/> Policy
NET DISTRICT COST	\$144,945	\$ N/A	\$144,945	\$ N/A	<input type="checkbox"/>
<b>SOURCE OF FUNDS:</b>	Emergency Services 25110 947400 527920 Zone 1 Const/Maint/Misc-Contracts			<b>Budget Adjustment:</b>	No
				<b>For Fiscal Year:</b>	16/17

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

**MINUTES OF THE FLOOD CONTROL AND WATER CONSERVATION DISTRICT**

On motion of Supervisor Ashley, seconded by Supervisor Jeffries and duly carried, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Benoit and Ashley  
Nays: None  
Absent: Tavaglione and Washington  
Date: November 15, 2016  
xc: Flood

Kecia Harper-Ihem  
Clerk of the Board  
By:   
Deputy

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

**BACKGROUND:**

**Summary (continued)**

The General Manager-Chief Engineer authorized this emergency work for non-native invasive vegetation removal within the Santa Ana River and has identified SAWA as the only organization having extensive experience and knowledge of non-native invasive removals in this area who have completed similar invasive removal projects for the Riverside Conservation Authority on their lands. The District believes SAWA has the unique qualifications, knowledge, skill set, and infield services to complete this project. SAWA has provided a quote not to exceed \$144,944.03 (Exhibit A) for work within 2016 mow limits and not to exceed \$56,908.94 (Exhibit B) for work within 2015 mow limits.

This emergency project is located within the Santa Ana River starting from Main Street and running downstream to about one mile below Mission Boulevard (see attached Exhibits A1 and B1). The non-native invasive vegetation are both a detriment to the environmentally sensitive habitat within the river as well as an ongoing maintenance issue for the District. The services provided by SAWA will help reduce the ongoing maintenance cost as well as provide much needed conveyance capacity within the Santa Ana River.

- ATTACHMENT A.    EXHIBIT A - SAWA Proposal for 2016 Mow Limits**  
**ATTACHMENT B.    EXHIBIT A1 - Map 2016 Mow Limits**  
**ATTACHMENT C.    EXHIBIT B - SAWA Proposal for 2015 Mow Limits**  
**ATTACHMENT D.    EXHIBIT B1 - Map 2015 Mow Limits**

  
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Gregory P. Priamos, Director County Counsel      10/24/2016



SAWA Proposal for SAR 2016 Mow Limits

DATE: 9/21/2016

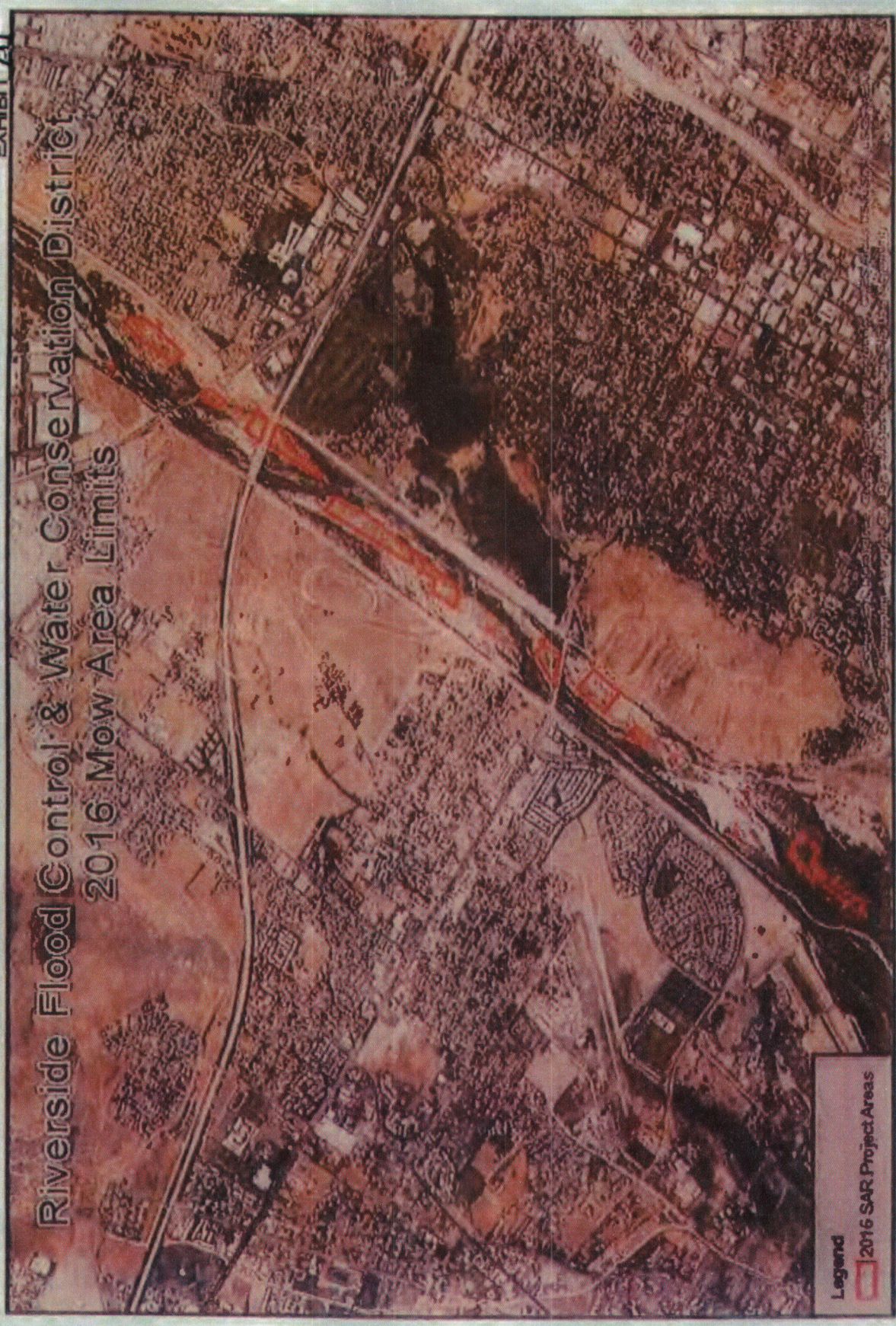
EXHIBIT **A**

INVOICE #:

Employee Name	Classification	Total Project Hours	Hourly Billing Rate	Total Amount
CREW LEAD	LEAD RESTORATION TECH.	200.00		
TECH # 1	RESTORATION TECH.	200.00		
TECH #2	RESTORATION TECH.	200.00		
JESSE ORTIZ	FIELD SUPERVISOR	135.00		
HUGH WOOD	EXEC. DIRECTOR	10.00		
NICOLE HOUSEL	BIOLOGIST	10.00		
SUE HOFFMAN	LEAD BIOLOGIST	5.00		
JAMES LAW	PROJECT MANAGER	65.00		
<b>STAFF TOTALS</b>		<b>825.00</b>		<b>\$38,376.90</b>
<b>MILEAGE</b>	2,800 Miles @ .59 = \$1,652.00			<b>\$1,652.00</b>
<b>CONTRACTOR SERVICES</b>		<b># Of Days</b>	<b>Costs Per Day</b>	<b>TOTAL COST</b>
<b>OCCC</b>	Hand Crews- 10 field workers + 1 supervisor	20.00	\$1,926.25	<b>\$38,525.00</b>
<b>HERBICIDE TYPES</b>		<b>TOTAL OZ</b>	<b>COST PER OZ</b>	<b>TOTAL COST</b>
RODEO		500.00	0.41	\$205.00
GARLON 3A		800.00	1.15	\$920.00
AGRI-DEX		100.00	0.28	\$28.00
QUEST		100.00	0.29	\$29.00
COMPETITOR		800.00	0.37	\$296.00
CONTINGENCY 10%				\$8,003.19
<b>Total Amount Not To Exceed : \$88,035.09</b>				
<b>** This costs includes all tools, material, staff time and mileage to treat non-native biomass within the Riv Flood 2016 Proposed Mow Limits (see attached map).</b>				



# Riverside Flood Control & Water Conservation District 2016 Mow Area Limits



Legend  
2016 SAR Project Areas



500 250 0 500 Meters

NAD 83  
9.31.16 JL  
SAR 2016 Mow Limits  
Map produced by SANVA



**SAWA Proposal for Retreatment to SAR 2015 Mow Limits**

**DATE: 9/21/2016**

EXHIBIT **B**

**INVOICE #:**

Employee Name	Classification	Total Project Hours	Hourly Billing Rate	Total Amount
CREW LEAD	LEAD RESTORATION TECH.	180.00		
TECH # 1	RESTORATION TECH.	180.00		
TECH #2	RESTORATION TECH.	180.00		
JESSE ORTIZ	FIELD SUPERVISOR	90.00		
HUGH WOOD	EXEC. DIRECTOR	10.00		
NICOLE HOUSEL	BIOLOGIST	5.00		
SUE HOFFMAN	LEAD BIOLOGIST	5.00		
JAMES LAW	PROJECT MANAGER	55.00		
<b>STAFF TOTALS</b>		<b>705.00</b>		
<b>MILEAGE</b>	1,400 Miles @ .59 = \$826.00			<b>\$826.00</b>
<b>CONTRACTOR SERVICES</b>		<b># OF DAYS</b>	<b>COST PER DAY</b>	<b>TOTAL COST</b>
OCCC 10 Crew + 1 Supervisor		9.00	\$1,926.25	\$17,336.25
<b>HERBICIDE TYPES</b>		<b>TOTAL OZ</b>	<b>COST PER OZ</b>	<b>TOTAL COST</b>
RODEO		450.00	0.41	\$184.50
GARLON 3A		450.00	1.15	\$517.50
AGRI-DEX		150.00	0.28	\$42.00
QUEST		150.00	0.29	\$43.50
COMPETITOR		900.00	0.37	\$333.00
CONTINGENCY 10%				\$5,173.54
<b>Total Amount Not To Exceed : \$56,908.94</b>				
** This costs includes all tools, material, staff time and mileage to treat non-native biomass within the Riv Flood 2015 Proposed Mow Limits (see attached map - Exhibit C).				



# Riv Flood 2015 Mow Limits



Source: Esri, DigitalGlobe, GeoEye, Earthstar (imagery), CNES, Airphoto, USDA, USDA (imagery), AeroGRID, IGN, SDA, Airbus, IGN (imagery), and the GIS User Community. Esri, HERE, DeLorme, Mapbox, Swire, OpenStreetMap contributors, and the GIS User Community.

NAD 83  
 9-21-15 J.L.  
 SAR 2015 Mow Limits  
 Map produced by SAWA

