

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

902B



**FROM:** General Manager-Chief Engineer

**SUBMITTAL DATE:**  
March 29, 2011

**SUBJECT:** Mira Loma – Beach Street Storm Drain  
Project No. 1-0-00137  
Amendment No. 2  
Consulting Services Agreement

**RECOMMENDED MOTION:**

- 1) Approve Amendment No. 2 to Consulting Services Agreement between the District and K & A Engineering, Inc.; and
- 2) Authorize the Chairman to execute the Amendment documents on behalf of the District

**BACKGROUND:**

The Amendment is necessary due to unforeseeable circumstances that result in changes to the original scope of work. The changes require an increased time for performance and additional compensation in order to accomplish the added scope of work.

Continued on Page 2

KEC:bjj

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

<b>FINANCIAL DATA</b>	Current F.Y. District Cost:	\$129,900	In Current Year Budget:	Yes
	Current F.Y. County Cost:	N/A	Budget Adjustment:	No
	Annual Net District Cost:	\$70,000	For Fiscal Year:	FY 10-11, 11-12

<b>SOURCE OF FUNDS:</b> Zone 1 Engineering Services 524820 25110 947400	<b>Positions To Be Deleted Per A-30</b>	<input type="checkbox"/>
	<b>Requires 4/5 Vote</b>	<input type="checkbox"/>

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

**APPROVE**

BY:

**County Executive Office Signature**

**Alex Gann**

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

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

Ayes: Buster, Stone, Benoit and Ashley  
 Nays: None  
 Absent: Tavaglione  
 Date: March 29, 2011  
 xc: Flood

Kecia Harper-Ihem  
 Clerk of the Board  
 By:   
 Deputy

Prev. Agn. Ref.:

District: 2<sup>nd</sup>

Agenda Number:

**11.2**

ATTACHMENTS FILED WITH THE CLERK OF THE BOARD

FISCAL PROCEDURES APPROVED  
 NAN M. CHAND, FINANCE DIRECTOR  
 BY:   
 NANNIE NEWHAWKINS

FORM APPROVED COUNTY COUNSEL  
 BY:   
 NEAL R. KIPNIS DATE: 3/31/11

Dep't Recomm.:  Consent  Policy   
 Per Exec. Ofc.:  Consent  Policy

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

**SUBJECT:** Mira Loma – Beach Street Storm Drain  
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**SUBMITTAL DATE:** March 29, 2011

**Page 2**

**BACKGROUND (continued):**

The District is funding all costs for these services.

County Counsel has approved the Amendment as to legal form and K & A Engineering, Inc. has executed the Agreement.

**FINANCIAL:**

Sufficient funding is available in District's Zone 1 budget for FY 2010-2011 (estimate \$129,900) and will be included in the proposed budget for FY 2011-2012 (estimate \$70,000).

KEC:blj

CONSULTING SERVICES AGREEMENT  
AMENDMENT NO. 2  
FOR MIRA LOMA – BEACH STREET STORM DRAIN  
PROJECT NO. 1-0-00137

The RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, hereinafter called "DISTRICT", and K & A ENGINEERING, INC., hereinafter called "CONSULTANT", previously entered into that certain Agreement, dated January 6, 2009, hereinafter called "AGREEMENT"; and

DISTRICT and CONSULTANT, in order to extend the time for performance, entered into that certain Amendment No. 1, dated November 2, 2010; and

DISTRICT desires to amend the scope of work and work product as contained in AGREEMENT. As a result, an updated Attachment "A" and Attachment "B" replace their counterparts in AGREEMENT in order to reflect the increased scope of work and are attached hereto; and

As provided in AGREEMENT, DISTRICT desires to extend CONSULTANT'S time for performance to June 30, 2012.

NOW, THEREFORE, DISTRICT and CONSULTANT mutually agree to amend the AGREEMENT as follows:

Section 3, Paragraph 2 is amended to read:

3. TIME FOR PERFORMANCE - CONSULTANT shall continue performance of services and shall diligently perform the tasks to full completion by June 30, 2012.

Section 6, Paragraph 1 is amended to read:

6. CONSULTANT'S COMPENSATION AND PAYMENT

CONSULTANT'S compensation and payment shall be for actual services provided in an amount not to exceed two hundred ninety-nine thousand nine hundred dollars (\$299,900). All

MAR 29 2011 11.2

1 billings shall be in accordance with CONSULTANT'S "Scope of Work", attached hereto as  
2 Attachment "A", and "Fee Schedule", attached hereto as Attachment "B" and made a part  
3 hereof. CONSULTANT shall invoice DISTRICT for "Deliverable Items" as shown in  
4 Attachment "B" based on a lump sum not to exceed for each deliverable upon delivery or  
5 performance of said items.

6           Except as specifically modified herein, all other provisions of AGREEMENT shall  
7 remain in effect and unchanged.

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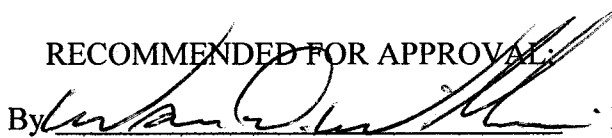
1 IN WITNESS WHEREOF, the parties hereto have executed this Agreement on

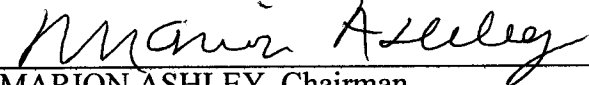
MAR 29 2011

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3 (to be filled in by Clerk of the Board)

4 RECOMMENDED FOR APPROVAL:

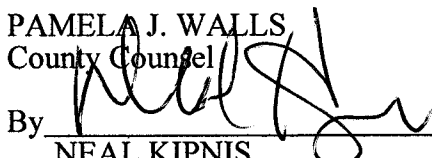
RIVERSIDE COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT

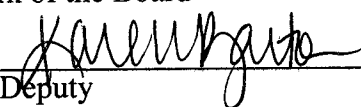
5 By   
6 WARREN D. WILLIAMS  
7 General Manager-Chief Engineer

By   
8 MARION ASHLEY, Chairman  
9 Riverside County Flood Control and Water  
10 Conservation District Board of Supervisors

11 APPROVED AS TO FORM:

ATTEST:

12 PAMELA J. WALLS  
13 County Counsel  
14 By   
15 NEAL KIPNIS  
16 Deputy County Counsel

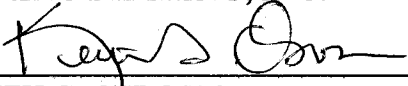
17 KECIA HARPER-IHEM  
18 Clerk of the Board  
19 By   
20 Deputy

(SEAL)

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25 Amendment No. 2 to Consulting Services Agreement  
26 Mira Loma – Beach Street Storm Drain (K & A Engineering)  
27 3/9/11  
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**K & A ENGINEERING, INC.**

By 

KEITH G. OSBORN

President

Amendment No. 2 to Consulting Services Agreement  
Mira Loma – Beach Street Storm Drain (K & A Engineering)  
3/9/11  
KEC:blj

## ATTACHMENT "A"

### MIRA LOMA – BEACH STREET STORM DRAIN

Project No. 1-0-0137

#### Amendment No. 2

SCOPE OF ENGINEERING SERVICES:

February 9, 2011

Based upon the current status of the Beach Street Storm Drain project and our discussions with Riverside County Flood Control and Water Conservation District, we have prepared the following Amendment No. 2 Scope of Engineering Services for preparing Pavement Replacement Plans, SWPPP Preparation, and completing the processing of the Utility Relocation Plans as provided below.

#### ADDITIONAL SERVICES - PAVEMENT REPLACEMENT PLANS:

Following the alignment of the proposed storm drain, a Pavement Replacement Plan will be provided due to removal of the existing pavement during the construction of the storm drain. The tasks associated with this plan are as follows;

K&A Engineering will prepare Pavement Replacement Plans using the base topographic drawing provided by RCFC&WCD, as well as the provided aerial images. Pavement Replacement Plans will be plan view only at 40-scale, without profile, with a screened aerial image on each sheet, per the sample layout exhibit attached. Elevation data will be annotated on the plan view with left, right EP and centerline elevations at appropriate intervals.

Pavement width will be designed to 24' wide matching the existing pavement width and 26' wide where AC dike is required, with a section of 4.5" AC over native per ordinance 461 standard 138. Pavement widths will widen to transition for catch basins.

The following street sections will be included within the pavement replacement plans.

- Beach Street – from approximately 200 feet south of Sea Horse Court to approximately 400 feet north of 55<sup>th</sup> Street. As well as for approximately 200 feet from 54<sup>th</sup> Street northerly.
- 58<sup>th</sup> Street – for a length of 200 feet beginning approximately 150 feet east of Beach Street.
- 55<sup>th</sup> Street – Westerly from Beach Street for approximately 360 feet.
- 54<sup>th</sup> Street (west) – From Beach Street to Rutile Street, approximately 800 feet. This segment will include the design of a centerline profile due to this street not having any existing pavement.
- Rutile Street – For approximately 500 feet from 54<sup>th</sup> Street northerly.
- 54<sup>th</sup> Street (east) – From Beach Street to Cedar Street, approximately 1150 feet.
- Cedar Street – from 54<sup>th</sup> Street to 53<sup>rd</sup> Street along with approximately 100 feet easterly onto 53<sup>rd</sup> street around the proposed catch basin. For this segment pavement replacement may only be over the storm drain trench – half width to centerline.
- Beach Street – Driveway modification and AC dike in front of APNs 167-211-011 and 162-151-010.

## **ADDITIONAL SERVICES – PREPARATION OF STORM WATER POLLUTION PREVENTION PLAN:**

Prepare a Storm Water Pollution Prevention Plan for the project for coverage under the State Water Resources Control Board (SWRCB), General Construction Permit, Order No. 2009-0009-DWQ. This task assumes that the project will fall under Permit Section “A” – LUP and will be evaluated to be a Type 1 project under the permit’s LUP type determination guidelines.

## **ONGOING SERVICES – PROCESSING OF UTILITY RELOCATION PLANS:**

In order to process the utility relocation plans to approval through JCSD and City of Ontario, the following tasks have been identified and required for approval.

### **Jurupa Community Service District**

- Received commented on November 15, 2010. We sent memo back to JCSD on November 23, 2010, with our questions of their comments. We are yet to hear back from them.
- We would like to explore the option of using pump trucks versus a sewer by pass line as requested by JCSD. They are requesting a design for a bypass line.
- JCSD requests to show sewer laterals in the profiles, however we were not provided with lateral elevations. We need to coordinate elevations (approximate or?) and how to show/design lateral reconstructions.
- Estimate 2 more plan checks.
- Estimate 2 more meetings with JCSD.

### **CDA- Product Water Line**

- Received comments on October 7, 2010. Addressed comments with exception of comment pertaining to 24” being parallel to centerline. Potholing may be only way to resolve this issue
- Additional potholing is requested to verify utility location (estimate 4 potholes) 24” waterline and gas line within the Beach Street and 56<sup>th</sup> Street intersection.
- We need to coordinate construction sequencing with RCFC/CDA/contractor in order to determine timing of the relocation and downtime.
- Estimate 2 more plan checks.
- Estimate 2 more meetings with city of Ontario.



## ATTACHMENT "B"

### MIRA LOMA – BEACH STREET STORM DRAIN DELIVERABLES/FEE SCHEDULE

#### AMENDMENT No. 2

REV. 2/9/2011

Deliverable	Reference Letter	Payment Amount	
		Current	Revised
<b>1 Project Start Up</b>			
Project Schedule	A,B,C	\$ 6,000.00	\$ 6,000.00
1 Subtotal:		\$ 6,000.00	\$ 6,000.00
<b>2 Preliminary Design Report</b>			
Geotechnical Report (phase 1)	C	\$ 4,800.00	\$ 4,800.00
Design Report @ Delivery	A,B,C,D,F	\$ 15,350.00	\$ 15,350.00
Public Meeting	E	\$ 2,500.00	\$ 2,500.00
Design Report @ Approval	A,B,C,D,F	\$ 15,350.00	\$ 15,350.00
2 Subtotal:		\$ 38,000.00	\$ 38,000.00
<b>3 30% Design Plans</b>			
Engr. Concept Plan/Profile	A,B,C	\$ 14,400.00	\$ 14,400.00
Geotechnical Report (phase 2)	E	\$ 15,300.00	\$ 15,300.00
30% Plans @ Delivery	F,G,H	\$ 7,650.00	\$ 7,650.00
CEQA / Permit Support	D	\$ 5,000.00	\$ 5,000.00
30% Plans @ Approval	F,G,H	\$ 7,650.00	\$ 7,650.00
3 Subtotal:		\$ 50,000.00	\$ 50,000.00
<b>4 60% Design Plans</b>			
Potholing	D	\$ 8,000.00	\$ 17,900.00
60% Plans @ Delivery	A,B,C,G	\$ 12,200.00	\$ 12,200.00
H/H Report @ Delivery	E	\$ 4,000.00	\$ 4,000.00
Utility Relocation Plans	F	\$ 24,000.00	\$ 37,500.00
H/H Report @ Approval	E	\$ 4,000.00	\$ 4,000.00
Pavement Replacement Plans		\$ 0.00	\$ 13,000.00
60% Plans @ Approval	A,B,C,G	\$ 12,200.00	\$ 12,200.00
4 Subtotal:		\$ 64,400.00	\$ 100,800.00
<b>5 90% Plans</b>			
Utility Relocation Plans	C	\$ 18,700.00	\$ 29,200.00
Structural Design @ Delivery	B	\$ 0.00	\$ 0.00
90% Plans (St Dr/Traffic/Maint) @ Delivery	A,D,E,F,G	\$ 12,450.00	\$ 12,450.00
Structural Design @ Approval	B	\$ 0.00	\$ 0.00
Pavement Replacement Plans		\$ 0.00	\$ 11,000.00
90% Plans (St Dr/Traffic/Maint) @ Approval	A,D,E,F,G	\$ 12,450.00	\$ 12,450.00
5 Subtotal:		\$ 43,600.00	\$ 65,100.00
<b>6 Final Plans</b>			
Final Plans @ Delivery	A,C,D	\$ 14,400.00	\$ 14,400.00
Pavement Replacement Plans		\$ 0.00	\$ 5,500.00
Bid Schedule / Engr. Estimate	B	\$ 3,600.00	\$ 3,600.00
6 Subtotal:		\$ 18,000.00	\$ 23,500.00
<b>7 Construction Support</b>			
SWPPP Preparation		\$ 0.00	\$ 7,500.00
Bid Support/PreConst Meet	A,B	\$ 3,800.00	\$ 3,800.00
Construction Support	C	\$ 5,200.00	\$ 5,200.00
7 Subtotal:		\$ 9,000.00	\$ 16,500.00
<b>PROJECT TOTAL</b>		\$ 229,000.00	\$ 299,900.00