



# County of Santa Cruz

## DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060  
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

THOMAS L. BOLICH  
DIRECTOR OF PUBLIC WORKS

### AGENDA: AUGUST 28, 2001

August 16, 2001

SANTA CRUZ COUNTY BOARD OF SUPERVISORS  
701 Ocean Street  
Santa Cruz, California 95060

SUBJECT: WILDER RANCH BIKE PATH, FEDERAL PROJECT NO. CML-5936(029)

Members of the Board:

The Wilder Ranch Bike Path project is currently under construction and is anticipated to be complete by October 1, 2001. The County hired three consultants to monitor the construction activity with regard to archaeology, biotics, and soil conditions. During excavation of a trench for a drainage culvert the archaeology consultant discovered a layer of midden soil that may contain potential historical artifacts. Construction activity in the area of the drainage culvert was immediately stopped in order to compile a Treatment Plan which will be used to identify and recover any historical artifacts in the area.

The archeology consultant has been working extensively with the help of the California Department of Transportation (CALTRANS) on a draft Treatment Plan. In order to complete this work, it will be necessary to amend the current purchase order agreement and increase the amount by \$18,701.00 to a not-to-exceed amount of \$22,000.00 as indicated on the attached amendment to agreement with Garcia and Associates.

Preliminary estimates for initiating the Treatment Plan are approximately \$50,000.00. The current budget for Wilder Ranch Bike Path does not provide sufficient funding for the Treatment Plan and Public Works is actively seeking additional funding with the Santa Cruz County Regional Transportation Commission and CALTRANS. We will return to your Board if necessary when additional funding is made available.

In addition to the archaeology, California red-legged frog, and soil issues for the project, the construction of the bridge abutments and the manufacture and installation of the bridge is subject to CALTRANS' specifications and inspection practices as it is within CALTRANS' right-of-way and will be maintained by CALTRANS when complete.

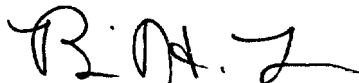
The County currently has a contract with URS Corporation to provide inspection services for several bridge projects on County-maintained roads. It is now necessary to utilize this contractor for the inspection of the Wilder Ranch Bike Path project since they have extensive experience with the federal project procedures and CALTRANS' specifications and can provide a full-time California State Registered Civil Engineer. The current URS Corporation contract must be increased by \$57,820.92 in order to include the inspection of the Wilder Ranch Path project.

Funding for the proposed increases in the current purchase order agreement for Garcia and Associates and the contract for URS Corporation is available in the approved 2001/2002 Road Program using CALTRANS' Minor A funds and Transportation Development Act funds.

It is therefore recommended that the Board of Supervisors take the following action:

1. Approve the attached amendment to agreement with Garcia and Associates for a not-to-exceed amount of \$22,000.00
2. Approve the attached amendment to agreement with URS Corporation to increase the contract by \$57,820.92 for inspection of the Wilder Ranch Bike Path.
3. Authorize the Director of Public Works to sign the contracts on behalf of the County.

Yours truly,

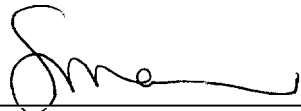


For THOMAS L. BOLICH  
Director of Public Works

JRS:mg

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: Public Works  
Garcia and Associates  
URS Corporation  
California Department of Transportation

wdm.wpd

**AMENDMENT TO AGREEMENT**

The parties hereto agree to **amend** Purchase Order Number 45717 dated September 2, 1999, by and between the COUNTY OF SANTA CRUZ and GARCIA AND ASSOCIATES, for cultural resource services for the Wilder Ranch Bike Path project by::

1. **INCREASING THE AMOUNT BY \$18,701, FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED \$22,000.00 FOR FISCAL YEAR 2001/2002.**
2. **AUTHORIZING THE UPDATED FEE SCHEDULE, A COPY OF WHICH IS ATTACHED AS ATTACHMENT 1.**

All other provisions of said contract shall remain the same.

DATED: \_\_\_\_\_

COUNTY OF SANTA CRUZ  
DEPARTMENT OF PUBLIC WORKS

\_\_\_\_\_  
DIRECTOR OF PUBLIC WORKS

CONTRACTOR:  
GARCIA AND ASSOCIATES

BY: Carol J. &&—

ADDRESS: 1 SAUNDERS AVENUE  
SAN ANSELMO, CA 94960

TELEPHONE: (415) 458-5803  
FAX: (415) 458-5829

Approved as to form:

  
Chief Assistant County Counsel

DISTRIBUTION: Auditor-Controller  
Public Works  
Contractor

JRS:mg

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REV. 7/99

0250

**GANDA'S SCHEDULE OF LABOR RATES -- 2001**

Updated 3/21/01

**Burdened Hourly Rates.****I. PROFESSIONAL LABOR CLASS,****Project Managers.**

Principal Scientist/Planner/Archaeologist	\$129
Associate Principal	\$110
Senior Environmental Scientist/Planner/Archaeologist	\$104
Environmental Scientist	\$86

**Staff Scientists:**

Environmental Specialist/Biologist/Archaeologist V	\$78
Environmental Specialist/Biologist/Archaeologist IV	\$69
Environmental Specialist/Biologist/Archaeologist III	\$61

**II TECHNICAL LABOR CLASS.****Staff Scientists:**

Environmental Specialist/Biologist/Archaeologist II	\$47
Environmental Specialist/Biologist/Archaeologist I	\$36

**Analytical Support:**

Librarian	435
<b>Graphics:</b>	
Production Supervisor	\$33
Delineator/Artist	\$38
<b>Geographic Information Systems (GIS)</b>	
GIS Specialist	\$59
<b>Word Processing/Clerical:</b>	
Word Processor	\$38
Sr. Technical Editor	\$56
Jr. Technical Editor	944
Clerical	\$40
Contract Administration	\$52
Billing Clerk	\$40

Note: GANDA's Expert Testimony Rates are 150% of normal labor rates

0251

## GANDA's SCHEDULE OF OTHER DIRECT COSTS

Equipment Type:	Rate	Detail:
<b>Field Equipment Costs.</b>		
Four-wheel drive vehicles	\$50/day + \$0.25/mi	11 vehicles available (1 in Hawaii)
Regular trucks	\$35/day + \$0.25/mi	2 vehicles available (1 in Hawaii)
17-ft Boston Whaler	\$100/day	Trailer, twin outboards, radio, fathometer
Canoes	\$20/day	Three available
All-terrain Vehicle	\$35/day	One available
Snowmobile	\$50/day	One available
Electric Motor (for canoe)	\$10/day	
Inflatable Kayak	\$60/day	
Diving Gear	\$75/day	
Wet suits	\$10/day	Included in daily rate for electro-fishing equipment, diving gear
Backpack & bank electro-fishing equipment	\$75/day	Includes block nets & accessories
Invertebrate Sampling equipment	\$10/day	Billed for days of actual use
Water Quality Sampling equipment	\$10/day	Billed for days of actual use
Flow Meter	\$35/day	
Depth Recorder	\$5/day	
Still & video cameras	\$5/day	Billed for days of actual use
Digital Camera	\$25/day	Billed for days of actual use
Laptop computer (field)	\$12.50/day	Billed for days of actual use
Various fish nets & traps	\$10/day	Billed for days of actual use
Radio-telemetry receivers & antennas	\$15/day	Radio tags (transmitters) billed at cost
Citizen's Band Transceivers	\$2/day	Five available
Rental cars	at cost	Plus gas and any additional insurance beyond GANDA's normal coverage
Personal vehicle usage	\$0.325/mi	
Airfare and other public transportation	at cost	
Per Diem (meals, lodging, incidentals)	per USDOT published rates	Based on location and duration of travel
Geographic positioning systems with 1-5 m accuracy	\$45/day	Billed for days of actual use
Field supplies	at cost	
<b>In-Office Equipment Costs</b>		
Geographic Information Systems (GIS) equipment		
HP PC-Arc/Info + Arc/View workstation	\$7/hr	
Digitizer	\$4/hr	
HP Color Printer	\$4.5/pg	Final map
Color Plotter	\$50-75/plot	Price based on complexity of map, color, size, etc.
Color graphics - 8.5x11		\$1/pg
Color graphics - 8.5x14		\$1.25/pg
Color graphics - 11x17		\$2.00/pg
Dissecting microscope	\$25/day	Billed for days of actual use
Database Searches (CNDOB, CNPS)	\$30 initial search + \$5/additional quad	GIS overlays can be provided at \$15/quad on reg. paper For vellum or printing on USGS quads, ask for quote
Cellular phones	\$7.50/day	Plus costs of calls sent & received
Computers	\$150/hr	
Copying	\$0.10/pg	
Faxes (incoming/outgoing)	\$0.1014.050/pg	Unless international, then actual cost of transmission for outgoing
Telecommunication	at cost	Billed by job number for billable calls only
Materials	at cost	Excludes office supplies
Postage/Express Mail	at cost	
Computer Presentation Projector	\$250/half-day, \$400/day	

GANDA charges a 10% G&amp;A handling charge on ODCs



updated 3/14/01

AMENDMENT TO AGREEMENT

0252

The parties hereto agree to amend Contract Number 02405 dated MAY 8, 2001, by and between the COUNTY OF SANTA CRUZ and URS CORPORATION for CONSTRUCTION INSPECTION SERVICES, by

1. INCREASING THE CONTRACT AMOUNT BY \$57,820.92 FOR A NEW CONTRACT TOTAL AMOUNT OF \$700,028.08.
2. ADDING CONSTRUCTION INSPECTION AND ADMINISTRATION SERVICES FOR THE WILDER BIKE PATH PROJECT IN ACCORDANCE WITH THE ATTACHED COST PROPOSAL.

All other provisions of said contract shall remain the same.

DATED: \_\_\_\_\_

COUNTY OF SANTA CRUZ  
DEPARTMENT OF PUBLIC WORKS

CONTRACTOR:  
URS CORPORATION

BY: Paul J. Boddie for William Hadaya

\_\_\_\_\_  
DIRECTOR OF PUBLIC WORKS

ADDRESS: 55 MARKET STREET  
SUITE 1650  
SAN JOSE, CA 95113

TELEPHONE: (408) 297-9585

FAX: (408) 297-6962

E-MAIL: William.Hadaya@URScorp.com

Approved as to form:

[Signature]

Chief Assistant County Counsel  
DISTRIBUTION: Auditor-Controller  
Public Works  
Contractor

wdm.wpd

## ATTACHMENT 1

0253

**SANTA CRUZ COUNTY  
COST PROPOSAL FOR  
CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES  
FOR THE WILDER RANCH BIKEWAY PROJECT**

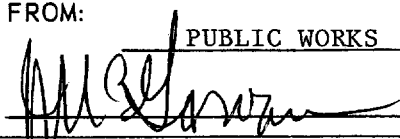
Submitted by: URS Date: August 15, 2001

<b>[Direct Labor (Aug, 27 Thru Nov, 9, 2001)]</b>		<b>Hours</b>	<b>Rate</b>		<b>Total</b>
Project Manager	REG	44.0	\$	58.50	\$ 2,574.00
Resident Engineer	REG	440.0	\$	38.00	\$ 16,720.00
TOTAL REG DIRECT LABOR				\$	19,294.00
<b>Indirect Costs</b>					
Overhead Rate & Fringe	155.00% of		\$	19,294.00	\$ 29,905.70
TOTAL LABOR & FRINGE				\$	49,199.70
<b>Direct Costs</b>					
Vehicle 11 weeks @ \$250.00/Week			\$	2,750.00	
Cellular Telephone (1 phone @ 25.00/week for 11 Weeks)			\$	275.00	
Supplies, Camera, Film, Dalivery, etc.			\$	500.00	
TOTAL DIRECT COSTS				\$	3,525.00
<b>Fixed Fee</b>					
10% of Labor & 5% of Direct Costs/Subs)				\$	5,096.22
TOTAL COST PROPOSAL				\$	57,820.92

COUNTY OF SANTA CRUZ  
REQUEST FOR APPROVAL OF AGREEMENT

0253

TO: Board of Supervisors  
County Administrative Officer  
County Counsel  
Auditor-Controller

FROM: PUBLIC WORKS (Dept.)  
 (Signature) 8/17/01 (Date)

The Board of Supervisors is hereby requested to approve the attached agreement and authorize the execution of the same.

- Said agreement is between the COUNTY OF SANTA CRUZ (Agency)  
GARCIA AND ASSOCIATES  
and, 1 SAUNDERS AVENUE, SAN ANSELMO, CA 94960 (Name & Address)
- The agreement will provide ARCHEOLOGY MONITORING SERVICES DURING CONSTRUCTION OF THE WILDER  
RANCH BIKE PATH.
- The agreement is needed, BECAUSE THE WORK CAN BE HANDLED MOST EXPEDITIOUSLY BY CONTRACT.
- Period of the agreement is from BOARD APPROVAL to JUNE 30, 2002
- Anticipated cost is ~~XXXXXXX~~ INCREASE \$18,701 (Fixed amount; Monthly rate; Not to exceed)
- Remarks: CONTRACT \$22,000, (7%) OVERHEAD \$1,540, TOTAL \$33,540
- Appropriations are budgeted in 631100! 40240! 3665! (Index#) 3590 (Subobject:)

NOTE: IF APPROPRIATIONS ARE INSUFFICIENT, ATTACH COMPLETED FORM AUD-74

Appropriations <sup>(are)</sup> available and have been encumbered. Contract No. 12581 Date 8/20/01  
are not

GARY A. KNUTSON, Auditor - Controller

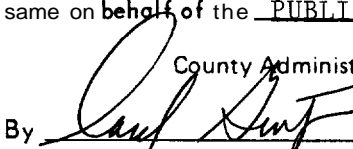
REFERENCE PURCHASE ORDER NO. 45717

By  Deputy.

Proposal reviewed and approved. It is recommended that the Board of Supervisors approve the agreement and authorize the  
DIRECTOR OF PUBLIC WORKS to execute the same on behalf of the PUBLIC WORKS DEPARTMENT  
(Agency).

Remarks:

(Analyst)

County Administrative Officer  
By  Date 8/20/01

Agreement approved as to form. Date

JRS:abc

Distribution:

Bd. of Supv. - White  
Auditor-Controller - Blue  
County Counsel - Green  
Co. Admin. Officer - Canary  
Auditor-Controller - Pink  
Originating Dept. - Goldonrod

\*To Orig. Dept. if rejected.

State of California )  
County of Santa Cruz ) ss

I \_\_\_\_\_ ex-officio Clerk of the Board of Supervisors of the County of Santa Cruz,  
State of California, do hereby certify that the foregoing request for approval of agreement was approved by  
said Board of Supervisors as recommended by the County Administrative Officer by an order duly entered  
in the minutes of said Board on \_\_\_\_\_

County Administrative Officer  
By \_\_\_\_\_ Deputy Clerk



**COUNTY OF SANTA CRUZ**  
**REQUEST FOR APPROVAL OF AGREEMENT**

0255

TO: Board of Supervisors  
 County Administrative Officer  
 County Counsel  
 Auditor-Controller

FROM:

**PUBLIC WORKS**

(Dept.)  
 (Signature) 8/17/01 (Date)

The Board of Supervisors is hereby requested to approve the attached agreement and authorize the execution of the same.

- Said agreement is between the COUNTY OF SANTA CRUZ (Agency)  
URS CORPORATION  
 and 55 SOUTH MARKET STREET, SUITE 1650, SAN JOSE, CA 95113 (Name & Address)
- The agreement will provide CONTRACT ADMINISTRATION AND INSPECTION SERVICES FOR THE COUNTY'S  
BRIDGE RETROFIT AND RECONSTRUCTION PROGRAM
- The agreement is needed BECAUSE THE WORK CAN BE HANDLED MOST EXPEDITIOUSLY BY CONTRACT
- Period of the agreement is from BOARD APPROVAL to JUNE 30, 2002
- Anticipated cost is \$ INCREASE \$57,820.92 (Fixed amount; Monthly rate; Not to exceed)
- Remarks: CONTRACT 700.028.08 OVERHEAD AND VARIOUS RATES, SEE ATTACHED
- Appropriations are budgeted in SEE ATTACHMENT (Index#) 3590 (Subobject:)

NOTE: IF APPROPRIATIONS ARE INSUFFICIENT, ATTACH COMPLETED FORM AUD-74

Appropriations are available and have been encumbered. Contract No. 02405 Date 9/20/01  
 GARY A. KNUTSON, Auditor - Controller  
 By Alvin J. Velazquez Deputy.

BHT:mg CC-19, I NOW III

Proposal reviewed and approved. It is recommended that the Board of Supervisors approve the agreement and authorize the DIRECTOR OF PUBLIC WORKS to execute the same on behalf of the PUBLIC WORKS DEPARTMENT

(Agency).

Remarks: County Administrative Officer  
 By Paul Sinf Date 8/20/01  
 (Analyst)

Agreement approved as to form. Date \_\_\_\_\_

## Distribution:

Bd. of Supv. - White  
 Auditor-Controller - Blue  
 County Counsel - Green  
 Co. Admin. Officer - Canary  
 Auditor-Controller - Pink  
 Originating Dept. - Gold/rod

\*To Orig. Dept. if rejected.

ADM - 29 (6/95)

State of California  
 County of Santa Cruz } ss

I \_\_\_\_\_ ex-officio Clerk of the Board of Supervisors of the County of Santa Cruz,  
 State of California, do hereby certify that the foregoing request for approval of agreement was approved by  
 said Board of Supervisors as recommended by the County Administrative Officer by an order duly entered  
 in the minutes of said Board on \_\_\_\_\_

County Administrative Officer  
 By \_\_\_\_\_ Deputy Clerk

**44**

**COUNTY OF SANTA CRUZ**  
REQUEST FOR APPROVAL OF AGREEMENT

0256

TO: Board of Supervisors  
County Administrative Officer  
County Counsel  
Auditor-Controller

FROM:

**PUBLIC WORKS**

(Dept.)

(Signature)

8/17/01

(Date)

The Board of Supervisors is hereby requested to approve the attached agreement and authorize the execution of the same.

**COUNTY OF SANTA CRUZ**

(Agency)

1. Said agreement is between the **URS CORPORATION, 55 SOUTH MARKET STREET, SUITE 1650, SAN JOSE, CA 95113**

and, **INDEX WA CONTRACT OH RT TOTAL OH TOTAL** (Name & Address)

621100! 40147! 3665! \$299,790.62 5% \$14,989.53 \$314,780.15

2. The agreement will provide 621100! 40206! 3665! \$ 52,045.28 7% \$ 3,641.77 \$ 55,667.05

621100! 40205! 3665! \$ 53,495.03 7% \$ 3,744.65 \$ 57,239.68

621100! 40236! 3665! \$ 193,740.79 5% \$ 9,687.04 \$ 203,427.83

621100! 40207! 3665! \$ 43,155.44 7% \$ 3,020.88 \$ 46,176.32

02405-06 621100! 21012! 3665! \$ 36,792.45 6% \$ 2,287.55 \$ 39,080.00

02405-07 621100! 40240! 3665! \$ 21,028.47 6% \$ 1,261.70 \$ 22,290.17

3. The agreement is needed.

4. Period of the agreement is from **BOARD APPROVAL** to **JUNE 30, 2002**

5. Anticipated cost is \$ **INCREASE \$57,820.92** (Fixed amount; Monthly rate; Not to exceed)

6. Remarks;

7. Appropriations are budgeted in (Index#) **3590** (Subobject):

NOTE: IF APPROPRIATIONS ARE INSUFFICIENT, ATTACH COMPLETED FORM AUD-74

Appropriations are available and have been encumbered. Contract No. **02405** Date **8/20/01**

GARY A. KNUTSON, Auditor - Controller

By **Adm. J. Velez** Deputy.

CC: 19, I NOW III

Proposal reviewed and approved. It is recommended that the Board of Supervisors approve the agreement and authorize the **DIRECTOR OF PUBLIC WORKS** to execute the same on behalf of the **PUBLIC WORKS DEPARTMENT**

(Agency). County Administrative Officer

Remarks: (Analyst) By **Carol Surt** Date **8/20/01**

Agreement approved as to form. Date

BHT BHT:mg

## Distribution:

Bd. of Supv. • White  
Auditor-Controller • Blue  
County Counsel • Green •  
Co. Admin. Officer • Canary  
Auditor-Controller • Pink  
Originating Dept. • Goldonrod

\* To Orig. Dept. if rejected.

ADM - 29 (6/95)

State of California )  
County of Santa Cruz ) ss

I \_\_\_\_\_ ex-officio Clerk of the Board of Supervisors of the County of Santa Cruz,  
State of California, do hereby certify that the foregoing request for approval of agreement was approved by  
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in the minutes of said Board on \_\_\_\_\_

County Administrative Officer  
By \_\_\_\_\_ Deputy Clerk

44