

# STAFF REPORT



ITEM NO. 10  
CITY OF OCEANSIDE

DATE: August 25, 2010

TO: Honorable Mayor and City Councilmembers

FROM: Water Utilities Department

SUBJECT: **PROFESSIONAL SERVICES AGREEMENT WITH AFFINIS ENVIRONMENTAL SERVICES FOR ARCHEOLOGICAL INVESTIGATION SERVICES FOR THE HAYMAR SEWER SEGMENT REPLACEMENT PROJECT**

## **SYNOPSIS**

Staff and the Utilities Commission recommend that the City Council approve a professional services agreement in an amount not to exceed \$68,600 with Affinis Environmental Services of El Cajon, for archeological investigation services for the Haymar Sewer Segment Replacement Project; and authorize the City Manager to execute the agreement (Exhibit A).

## **BACKGROUND**

The City of Oceanside has identified a portion of the Haymar sewer for immediate replacement. The existing 15" VCP was installed in 1961 and is listed on the City's Integrated Water Utilities Master Plan as a future scheduled replacement project. This project consists of the relocation of approximately 400 linear feet of 15" gravity sewer pipe.

A Mitigated Negative Declaration (MND) was issued on August 29, 2008, which outlines the steps necessary to complete the project in compliance with CEQA. The archeological investigation requirements include the excavation of 10 each 1x1 meter units to collect and document the existing artifacts located in the project area; analyze and compare these results to the previous work performed by Gallegos and Associates (2002); and to provide a Data Recovery Plan that will be used during construction of the project.

## **ANALYSIS**

On June 8, 2010, a Request for Proposal (RFP) for archeological investigation services to perform the necessary archeological requirements outlined in the MND, in preparation for construction, was sent to four qualified firms that were listed on the Water & Wastewater Consultant List provided by the Public Works—Engineering Division (Exhibit B).

On June 30, 2010, the Water Utilities Department received proposals from one of the four consulting firms; staff performed a review of the proposal for accuracy and completeness. Staff has determined that the proposal includes the required items as outlined in the RFP.

**FISCAL IMPACT**

The Fiscal Year 10-11 proposed budget for the Miscellaneous Sewer Projects (909978000722.5305) fund is \$1,000,000; the total for archeological investigation services is \$68,600. Therefore, adequate funds will be available for the project.

**CITY ATTORNEY'S ANALYSIS**

The referenced documents have been reviewed by the City Attorney and approved as to form.

**INSURANCE REQUIREMENTS**

The City's standard insurance requirements will be met.

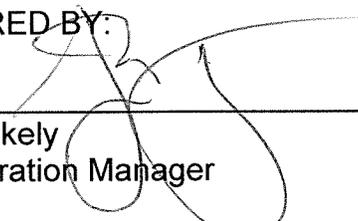
**COMMISSION OR COMMITTEE REPORT**

The Utilities Commission approved staff's recommendation at its regularly scheduled meeting on July 20, 2010.

**RECOMMENDATIONS**

Staff and the Utilities Commission recommend that the City Council approve a professional services agreement in an amount not to exceed \$68,600 with Affinis Environmental Services of El Cajon, for archeological investigation services for the Haymar Sewer Segment Replacement Project; and authorize the City Manager to execute the agreement.

PREPARED BY:

  
\_\_\_\_\_  
Greg Blakely  
Administration Manager

SUBMITTED BY:

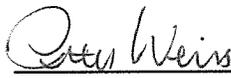
  
\_\_\_\_\_  
Peter A. Weiss  
City Manager

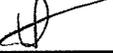
Exhibit A – Professional Services Agreement  
Exhibit B – RFP Mailing List

REVIEWED BY:

Michelle Skaggs Lawrence, Deputy City Manager

Cari Dale, Water Utilities Director

Teri Ferro, Financial Services Director

  
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CITY OF OCEANSIDE

**PROFESSIONAL SERVICES AGREEMENT**

**PROJECT: HAYMAR SEWER SEGMENT REPLACEMENT PROJECT  
ARCHEOLOGICAL INVESTIGATION – [909547700722]**

THIS AGREEMENT, dated July 13<sup>th</sup>, 2010 for identification purposes, is made and entered into by and between the CITY OF OCEANSIDE, a municipal corporation, hereinafter designated as "CITY", and AFFINIS ENVIRONMENTAL SERVICES, hereinafter designated as "CONSULTANT."

**NOW THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:**

1. **SCOPE OF WORK.** The project is more particularly described as follows:
  1. Perform Phase I – Surface Collection and Excavation to include 10 ea 1x1 meter pits
  2. Compare results of Phase I to the Gallegos and Associates report as outlined in the MND
  3. Prepare a Data Recovery Plan to be utilized during construction
  4. Perform all other pertinent work for Phase I as outlined in the attached proposal
  
2. **INDEPENDENT CONTRACTOR.** CONSULTANT'S relationship to the CITY shall be that of an independent contractor. CONSULTANT shall have no authority, express or implied, to act on behalf of the CITY as an agent, or to bind the CITY to any obligation whatsoever, unless specifically authorized in writing by the City Engineer. The CONSULTANT shall not be authorized to communicate directly with, nor in any way direct the actions of, any bidder or the construction contractor for this project without the prior written authorization by the City Engineer. CONSULTANT shall be solely responsible for the performance of any of its employees, agents, or subcontractors under this Agreement. CONSULTANT shall report to the CITY any and all employees, agents, and consultants performing work in connection with this project, and all shall be subject to the approval of the CITY.
  
3. **WORKERS' COMPENSATION.** Pursuant to Labor Code section 1861, the CONSULTANT hereby certifies that the CONSULTANT is aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for Workers' Compensation or to undertake self-insurance in accordance with the provisions of that Code, and the CONSULTANT will comply with such provisions, and provide certification of such compliance as a part of this Agreement.

**HAYMAR SEWER SEGMENT REPLACEMENT PROJECT – ARCHEOLOGICAL INVESTIGATION – [909547700722]**

**4. LIABILITY INSURANCE.**

**4.1.** CONSULTANT shall, throughout the duration of this Agreement maintain comprehensive general liability and property damage insurance, or commercial general liability insurance, covering all operations of CONSULTANT, its agents and employees, performed in connection with this Agreement including but not limited to premises and automobile.

**4.2** CONSULTANT shall maintain liability insurance in the following minimum limits:

Comprehensive General Liability Insurance  
(bodily injury and property damage)

Combined Single Limit Per Occurrence	\$ 1,000,000
General Aggregate	\$ 2,000,000*

or

Commercial General Liability Insurance  
(bodily injury and property damage)

General limit per occurrence	\$ 1,000,000
General limit project specific aggregate	\$ 2,000,000

<u>Automobile Liability Insurance</u>	\$ 1,000,000
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\*General aggregate per year, or part thereof, with respect to losses or other acts or omissions of CONSULTANT under this Agreement.

**4.3** If coverage is provided through a Commercial General Liability Insurance policy, a minimum of 50% of each of the aggregate limits shall remain available at all times. If over 50% of any aggregate limit has been paid or reserved, the CITY may require additional coverage to be purchased by the CONSULTANT to restore the required limits. The CONSULTANT shall also notify the CITY'S Project Manager promptly of all losses or claims over \$25,000 resulting from work performed under this contract, or any loss or claim against the CONSULTANT resulting from any of the CONSULTANT'S work.

**4.4** All insurance companies affording coverage to the CONSULTANT for the purposes of this Section shall add the City of Oceanside as "additional insured" under the designated insurance policy for all work performed under this agreement. Insurance coverage provided to the City as additional insured shall be primary insurance and

**HAYMAR SEWER SEGMENT REPLACEMENT PROJECT – ARCHEOLOGICAL INVESTIGATION – [909547700722]**

other insurance maintained by the City of Oceanside, its officers, agents, and employees shall be excess only and not contributing with insurance provided pursuant to this Section.

- 4.5 All insurance companies affording coverage to the CONSULTANT pursuant to this agreement shall be insurance organizations admitted by the Insurance Commissioner of the State of California to transact business of insurance in the state or be rated as A-X or higher by A.M. Best.
- 4.6 All insurance companies affording coverage shall provide thirty (30) days written notice to the CITY should the policy be cancelled before the expiration date. For the purposes of this notice requirement, any material change in the policy prior to the expiration shall be considered a cancellation.
- 4.7 CONSULTANT shall provide evidence of compliance with the insurance requirements listed above by providing a Certificate of Insurance and applicable endorsements, in a form satisfactory to the City Attorney, concurrently with the submittal of this Agreement.
- 4.8 CONSULTANT shall provide a substitute Certificate of Insurance no later than thirty (30) days prior to the policy expiration date. Failure by the CONSULTANT to provide such a substitution and extend the policy expiration date shall be considered a default by CONSULTANT and may subject the CONSULTANT to a suspension or termination of work under the Agreement.
- 4.9 Maintenance of insurance by the CONSULTANT as specified in this Agreement shall in no way be interpreted as relieving the CONSULTANT of any responsibility whatsoever and the CONSULTANT may carry, at its own expense, such additional insurance as it deems necessary.
5. **PROFESSIONAL ERRORS AND OMISSIONS INSURANCE.** Throughout the duration of this Agreement and four (4) years thereafter, the CONSULTANT shall maintain professional errors and omissions insurance for work performed in connection with this Agreement in the minimum amount of One Million Dollars (\$1,000,000.00).

CONSULTANT shall provide evidence of compliance with these insurance requirements by providing a Certificate of Insurance.

6. **CONSULTANT'S INDEMNIFICATION OF CITY.** CONSULTANT shall indemnify and hold harmless the CITY and its officers, agents and employees against all claims for damages to persons or property arising out of the negligent acts, errors or omissions or wrongful acts or conduct of the CONSULTANT, or its

**HAYMAR SEWER SEGMENT REPLACEMENT PROJECT – ARCHEOLOGICAL INVESTIGATION – [909547700722]**

employees, agents, subcontractors, or others in connection with the execution of the work covered by this Agreement, except for those claims arising from the willful misconduct, sole negligence or active negligence of the CITY, its officers, agents, or employees. CONSULTANT'S indemnification shall include any and all costs, expenses, attorneys' fees, expert fees and liability assessed against or incurred by the CITY, its officers, agents, or employees in defending against such claims or lawsuits, whether the same proceed to judgment or not. Further, CONSULTANT at its own expense shall, upon written request by the CITY, defend any such suit or action brought against the CITY, its officers, agents, or employees resulting or arising from the conduct, tortious acts or omissions of the CONSULTANT.

CONSULTANT'S indemnification of CITY shall not be limited by any prior or subsequent declaration by the CONSULTANT.

7. **COMPENSATION.** CONSULTANT'S compensation for all work performed in accordance with this Agreement, shall not exceed the total contract price of \$68,600.

No work shall be performed by CONSULTANT in excess of the total contract price without prior written approval of the City Engineer. CONSULTANT shall obtain approval by the City Engineer prior to performing any work, which results in incidental expenses to CITY.

8. **TIMING REQUIREMENTS.** Time is of the essence in the performance of work under this Agreement and the timing requirements shall be strictly adhered to unless otherwise modified in writing. All work shall be completed in every detail to the satisfaction of the Engineer within 4 weeks after issuance of the Notice to Proceed.
9. **ENTIRE AGREEMENT.** This Agreement comprises the entire integrated understanding between CITY and CONSULTANT concerning the work to be performed for this project and supersedes all prior negotiations, representations, or agreements.
10. **INTERPRETATION OF THE AGREEMENT.** The interpretation, validity and enforcement of the Agreement shall be governed by and construed under the laws of the State of California. The Agreement does not limit any other rights or remedies available to CITY.

The CONSULTANT shall be responsible for complying with all local, state, and federal laws whether or not said laws are expressly stated or referred to herein.

**HAYMAR SEWER SEGMENT REPLACEMENT PROJECT – ARCHEOLOGICAL INVESTIGATION – [909547700722]**

Should any provision herein be found or deemed to be invalid, the Agreement shall be construed as not containing such provision, and all other provisions, which are otherwise lawful, shall remain in full force and effect, and to this end the provisions of this Agreement are severable.

- 11. **AGREEMENT MODIFICATION.** This Agreement may not be modified orally or in any manner other than by an agreement in writing signed by the parties hereto.
- 12. **SIGNATURES.** The individuals executing this Agreement represent and warrant that they have the right, power, legal capacity and authority to enter into and to execute this Agreement on behalf of the respective legal entities of the CONSULTANT and the CITY.

IN WITNESS WHEREOF, the parties hereto for themselves, their heirs, executors, administrators, successors, and assigns do hereby agree to the full performance of the covenants herein contained and have caused this Professional Services Agreement to be executed by setting hereunto their signatures on the dates set forth below.

AFFINIS ENVIRONMENTAL SERVICES

CITY OF OCEANSIDE

By: M Busdosh  
Name/Title Michael Busdosh, President

By: \_\_\_\_\_  
City Manager

Date: 7-13-10

Date: \_\_\_\_\_

By: Mary Robbins-Wade  
Name/Title Mary Robbins-Wade Secretary • Director of Cultural Resources

APPROVED AS TO FORM:

Date: 7/13/2010

Antonia Hamilton, ASST.

33-0581381  
Employer ID No.

City Attorney

**NOTARY ACKNOWLEDGMENTS OF CONSULTANT MUST BE ATTACHED.**

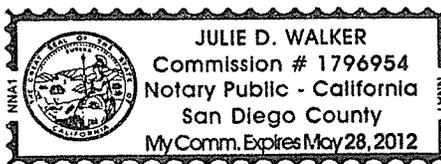
ACKNOWLEDGMENT

State of California
County of San Diego ss.

On July 13, 2010 before me, Julie D. Walker, Notary Public, personally appeared Michael Busdosh and Mary Robbins Wade, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature of Julie D. Walker

(seal)

OPTIONAL INFORMATION

Description of Attached Document

Title or Type of Document: City of Oceanside - Professional Services Agreement

Document Date: 7/13/10 Number of Pages: 5

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer

- Individual
[X] President
Vice President
Secretary
Treasurer
Attorney in Fact
Trustee
Other:

Signer is Representing Affinis, Inc



June 30, 2010

Greg Blakely  
Administration Manager  
City of Oceanside, Water Utilities Department  
300 North Coast Highway  
Oceanside, California 92054

Reference: Haymar Sewer Segment Replacement Project -- Archaeological Data Recovery Proposal

Mr. Blakely:

Affinis is pleased to provide this proposal for conducting the archaeological data recovery program for the replacement of a segment of the Haymar Sewer per the Mitigated Negative Declaration issued on August 29, 2008. This letter proposal includes a detailed scope of work, cost proposal, and a summary of Affinis' experience in the City of Oceanside and with projects in support of emergency construction.

### **Scope of Work**

The scope of work is based on our review of the MND and *Cultural Resources Survey for the Haymar Sewer Segment Replacement Project, Oceanside California*, as well as our experience in the immediate vicinity, including archaeological monitoring at this site (CA-SDI-5652/H) for the rehabilitation of the Vista-Carlsbad Interceptor Sewer. The proposed scope of work is as follows:

1. Map and collect all surface artifacts within the project area; mapping will be done using GPS;
2. Excavate 10 1-m by 1-m units within the permanent impacts area; units will be terminated after two sterile 10-cm levels; soil will be screened through 1/8-in. mesh;
3. Collect column samples from two of the excavation units;
4. Prepare a site map showing the locations of surface artifacts, excavation units, etc.;
5. Clean, sort, catalog, and analyze all cultural material collected;
6. Process the column samples through flotation to extract the light fraction, which will be submitted for macrobotanical analysis;
7. Subcontract ancillary studies, including faunal analysis (animal bone and shell), radiocarbon dating, and macrobotanical analysis;
8. Compare the results of the Phase I study with the previous work by Gallegos and Associates (Kyle, Phillips, and Gallegos 2002) to assess redundancy of data and determine the need for additional phases of fieldwork;

9. Prepare a comprehensive report detailing the methods and results of the data recovery program;
10. Curate the cultural material collected, as well as maps, field notes, catalogs, etc., at the San Diego Archaeological Center or other suitable repository meeting state and federal curatorial standards; note that the San Luis Rey Band of Luiseno Mission Indians might request that cultural material be repatriated to them, rather than curated at the San Diego Archaeological Center.

### **Phases II and III**

Based on the comparison of the Phase I results with the earlier study by Gallegos and Associates (Kyle, Phillips, and Gallegos 2002), the need for a Phase II would be determined. If there is redundancy in the data, no further work would be required. If unexpected features are encountered or the cultural material recovered is more varied than anticipated, an additional seven excavation units would be excavated as Phase II. The field and laboratory methods for Phase II would be the same as Phase I. This proposal assumes that additional column samples would not be processed, but radiocarbon and faunal analyses are assumed.

If the data generated by the Phase II study indicates that there is sufficient variability to warrant additional excavation to obtain a larger sample size, Phase III would be implemented. This phase would entail excavation of 17 additional 1 m by 1 m units. Again, field and laboratory methods would be similar to those of Phases I and II. Similar analyses would be conducted, but column samples and macrobotanical analysis are not assumed for this phase.

### **Cost**

The proposed not-to-exceed cost for the scope of work detailed for Phase I is \$68,600, including labor and materials. The costs are detailed in the attached spreadsheet. All analysis costs are a direct pass-through with no mark-up. Curation costs are \$700/box. This proposal assumes four boxes of material, for a total of \$2800, which is included in the cost listed above. Actual curation costs will be billed as a direct-pass through.

The cost of Phase II (field and laboratory work for excavation of seven additional units, radiocarbon and faunal analysis, incorporating these data into the report, and curation) is estimated at \$44,600.

The cost of Phase III (field and laboratory work for excavation of 17 additional units, radiocarbon and faunal analysis, incorporating these data into the report, and curation) is estimated at \$86,500.

### **Native American Monitoring**

This proposal does not include Native American monitoring, as it was not included in the MND. However, the site is known to be of importance to the Luiseño people, in particular the San Luis Rey Band of Luiseño Mission Indians. We assume the City will contract

directly with the San Luis Rey Band and Saving Sacred Sites for the Native American monitoring on this project.

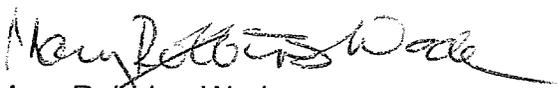
**Relevant Experience**

Affinis conducted the archaeological survey for the Vista/Carlsbad Interceptor Sewer Rehabilitation project, which is located in proximity to the Haymar Sewer Segment. Affinis also conducted the archaeological monitoring program at CA-SDI-5652/H (the subject of the proposed data recovery program) for the Vista-Carlsbad Interceptor Sewer Rehabilitation project. Affinis is the cultural resources consultant for the Former South Coast Materials Quarry Amended Reclamation Plan, located just east of the Haymar Sewer Segment Replacement project area. As such, Ms. Robbins-Wade and the other Affinis archaeologists are familiar with the sensitive cultural resources in this area and have been working with the concerned parties. As part of the City of San Diego's Master Storm Water Maintenance Program, Affinis has conducted archaeological surveys and monitoring for several emergency maintenance projects in recent months. We have also conducted surveys and monitoring for emergency construction projects for the City of San Diego Metropolitan Wastewater Department. Affinis has conducted numerous archaeological studies in the City of Oceanside, including surveys and monitoring projects for the Water Utilities Department.

**Schedule**

The RFP indicates that the work must be completed within four weeks of Notice to Proceed. We can submit a draft report within that timeframe, to allow the City to move forward with the project, but it must be noted that the outside analyses, such as radiocarbon dating and faunal analysis, could not reasonably be guaranteed in that time period. Much of the analysis must be completed in order to determine the need for additional phases of fieldwork. If Phases II and III are determined to be necessary, it would push the completion date beyond the four-week timeframe.

If you have any questions, please call me at (619) 441-0144 extension 18 or e-mail at mary@affinis.net. We look forward to the opportunity to work with you on this project.



Mary Robbins-Wade  
Director of Cultural Resources



**SCHEDULE OF FEES**

Project Manager/Senior Scientist	120.00
Principal Scientist	110.00
Senior Analyst	100.00
Project Scientist	100.00
Research Analyst	85.00
Staff Scientist	70.00
Field/Lab/Crew	65.00
Word Processor	55.00
Graphic Artist	55.00
Archaeological monitor	560.00 per day

\*Materials billed at cost.

\*Mileage billed at \$0.58 per mile

**Haymar Sewer Replacement Data Recovery  
Affinis Cost Proposal**

<b>Task</b>	<b>Days</b>	<b>Hours</b>	<b>Rate</b>	<b>Cost</b>
<b>Field</b>				
Project Arch.	1	8.0	\$100.00	\$800.00
Staff Arch.	7	56.0	\$70.00	\$3,920.00
Crew Arch.	30	240.0	\$65.00	\$15,600.00
Subtotal				\$20,320.00
<b>Lab – wash, sort, catalog, analysis, flotation</b>				
Project Arch.	1	8.0	\$100.00	\$800.00
Staff Arch.	9	72.0	\$70.00	\$5,040.00
Crew Arch.	26	208.0	\$65.00	\$13,520.00
Subtotal				\$19,360.00
<b>Report</b>				
Project Arch.		72	\$100.00	\$7,200.00
Staff Arch.		16	\$70.00	\$1,120.00
Crew Arch.		8	\$65.00	\$520.00
Subtotal				\$8,840.00
<b>Meetings</b>				
Project Arch.		4	\$100.00	\$400.00
Subtotal				\$400.00
<b>Ancillary Studies</b>				
Radiocarbon analysis		10	595	\$5,950.00
Faunal (animal bone) analysis				\$3,000.00
Shell analysis				\$2,000.00
Macrobotanical analysis		20	200	\$4,000.00
Subtotal				\$14,950.00
<b>Materials</b>				
Supplies				\$115.00
Photo processing				\$115.00
Mileage				\$1,300.00
Report copying				\$400.00
Subtotal				\$1,930.00
Total Labor				\$48,920.00
Subcontracts				\$14,950.00
Total Materials				\$1,930.00
Curation				\$2,800.00
<b>Grand Total</b>				<b>\$68,600.00</b>

**Haymar Sewer Replacement Data Recovery – Phase II  
Affinis Cost Estimate**

<b>Task</b>	<b>Days</b>	<b>Hours</b>	<b>Rate</b>	<b>Cost</b>	
<b>Field</b>					
Project Arch..	1	8.0	\$100.00	\$800.00	
Staff Arch.	4	32.0	\$70.00	\$2,240.00	
Crew Arch.	20	160.0	\$65.00	\$10,400.00	
					\$13,440.00
<b>Lab – wash, sort, catalog, analysis</b>					
Project Arch..	1	8.0	\$100.00	\$800.00	
Staff Arch.	6	48.0	\$70.00	\$3,360.00	
Crew Arch.	22	176.0	\$65.00	\$11,440.00	
					\$15,600.00
<b>Report (incorporate into data recovery report)</b>					
Project Arch..		24	\$100.00	\$2,400.00	
Staff Arch.		8	\$70.00	\$560.00	
Crew Arch.		4	\$65.00	\$260.00	
					\$3,220.00
<b>Meetings</b>					
Project Arch..		4	\$100.00	\$400.00	
					\$400.00
<b>Ancillary Studies</b>					
Radiocarbon analysis		7	595	\$4,165.00	
Faunal (animal bone) analysis				\$2,500.00	
Shell analysis				\$1,500.00	
					\$8,165.00
<b>Materials</b>					
Supplies				\$100.00	
Photo processing				\$100.00	
Mileage				\$775.00	
					\$975.00
Total Labor				\$32,660.00	
Subcontracts				\$8,165.00	
Total Materials				\$975.00	
Curation				\$2,800.00	
<b>Grand Total</b>				<b>\$44,600.00</b>	

**Haymar Sewer Replacement Data Recovery – Phase III  
Affinis Cost Proposal**

<b>Task</b>	<b>Days</b>	<b>Hours</b>	<b>Rate</b>	<b>Cost</b>	
<b>Field</b>					
Project Arch.	2	16.0	\$100.00	\$1,600.00	
Staff Arch.	10	80.0	\$70.00	\$5,600.00	
Crew Arch..	45	360.0	\$65.00	\$23,400.00	
					\$30,600.00
<b>Lab – wash, sort, catalog, analysis</b>					
Project Arch.	1	8.0	\$100.00	\$800.00	
Staff Arch.	20	160.0	\$70.00	\$11,200.00	
Crew Arch..	40	320.0	\$65.00	\$20,800.00	
					\$32,800.00
<b>Report (incorporate into data recovery report)</b>					
Project Arch.		20	\$100.00	\$2,000.00	
Staff Arch.		8	\$70.00	\$560.00	
Crew Arch..		4	\$65.00	\$260.00	
					\$2,820.00
<b>Meetings</b>					
Project Arch.		4	\$100.00	\$400.00	
					\$400.00
<b>Ancillary Studies</b>					
Radiocarbon analysis		15	595	\$8,925.00	
Fauanl (animal bone) analysis				\$4,000.00	
Shell analysis				\$2,000.00	
					\$14,925.00
<b>Materials</b>					
Supplies				\$115.00	
Photo processing				\$115.00	
Mileage				\$1,925.00	
					\$2,155.00
Total Labor				\$66,620.00	
Subcontracts				\$14,925.00	
Total Materials				\$2,155.00	
Curation				\$2,800.00	
<b>Grand Total</b>				<b>\$86,500.00</b>	



Affinis Director of Cultural Resources, Mary Robbins-Wade, has been active in San Diego archaeology since 1978. She has extensive experience with all phases of archaeological studies (literature search, survey, testing, data recovery, preservation strategies, monitoring) on a variety of site types in a range of settings. Her duties as Project Manager/Project Archaeologist have included numerous public works-related studies, including sewer and water line replacement, the Clean Water Program, roadways, MTDB facilities, park projects, and work for the Sweetwater Authority on various facilities.

Affinis conducted the archaeological survey and provided archaeological monitoring in 2006 for the City of Vista for sewer line work in proximity to the Haymar Sewer Segment Replacement project (Vista-Carlsbad Interceptor Sewer Rehabilitation Project). Affinis also is the cultural resources consultant for the Former South Coast Materials Quarry Amended Reclamation Plan, located just east of the Haymar Sewer project area. As such, Ms. Robbins-Wade and the other Affinis archaeologists are familiar with the sensitive cultural resources in this area and have been working with the concerned parties. Affinis has conducted archaeological surveys for several drainage improvement projects for the City of Oceanside Water Utilities Department. These projects included both CEQA review and Section 106 compliance for review by the Army Corps of Engineers and US Fish and Wildlife Service. Affinis prepared the cultural resources study for the Program EIR for the City of San Diego's Master Storm Water Maintenance Program. As part of the Storm Water Maintenance Program Affinis archaeologists have recently conducted archaeological surveys for planned maintenance activities. During the recent rainy season Affinis conducted surveys and monitoring for emergency maintenance for the Storm Water Maintenance Program. Ms. Robbins-Wade has served as the Project Archaeologist/ Project Manager for all of these studies. Other water department work has included archaeological surveys for the Clean Water Program of Greater San Diego, Sweetwater Authority, Rancho California Water District, Metropolitan Water District, Olivenhain Municipal Water District, Valley Center Municipal Water District, the Water Utilities Departments of the Cities of San Diego and Oceanside, and several smaller water agencies, as well as proposed sewer improvements for the City of Vista. Testing programs have been conducted for projects for the Sweetwater Authority, the Clean Water Program, and the City of San Diego Water Utilities Department. Affinis completed a data recovery program at a significant archaeological site in the Salt Creek area for the San Diego County Water Authority. Affinis archaeologists have provided construction monitoring services for dozens of sewer and water projects in the City of San Diego, as well as the Cities of Oceanside, Vista, La Mesa, the San Elijo Joint Powers Authority, and the Lake Morena Oak Shores Mutual Water Company.

Haymar Sewer Segment Replacement Project -  
 Archeological Investigation Services  
 RFP Mailing List

Company	Address	City	State	Zip	Sal.	First Name	Last Name
RECON	1927 Fifth Avenue, Suite 200	San Diego	CA	92101	Mr.	Lee	Sherwood
HELIX Environmental Planning	7578 El Cajon Blvd.	La Mesa	CA	91941	Ms.	Jocelyn	Garde
Affinis	Shadow Valley Center, 847 Jamacha Road	El Cajon	CA	92019	Mr.	Mike	Busdosh
AMEC Earth and Environmental, Inc.	1290 N. Hancock Street, Suite 102	Anaheim	CA	92807-1924	Ms.	Lori E.	Trotter, AICP