



Meeting Date: 02/09/10

| ACTION   | TYPE OF ITEM   |
|--|--|
| <input type="checkbox"/> Approved Recommendation | <input checked="" type="checkbox"/> Info/Consent       |
| <input type="checkbox"/> Ord. No(s) _____        | <input type="checkbox"/> Report                        |
| <input type="checkbox"/> Res. No(s) _____        | <input type="checkbox"/> Public Hearing (Info/consent) |
| <input type="checkbox"/> Other _____             | <input type="checkbox"/> Other _____                   |

Prepared By: Anthony Emmert, Water Resources Manager Agenda Item No. I-7  
 Reviewed By: City Manager City Attorney SMF Finance Public Works

**DATE:** February 1, 2010

**TO:** City Council

**FROM:** Mark S. Norris, Assistant Public Works Director  
Public Works Department, Utilities Services Branch 

**SUBJECT:** First Amendment to Agreement with Layne Christensen Company for Maintenance and Repair of Well No. 34

**RECOMMENDATION**

That City Council:

1. Approve and authorize the Mayor to execute the First Amendment to the agreement with Layne Christensen Company for \$158,900 for a total amount of \$183,800 for the maintenance and repair of Well No. 34, and to extend the contract expiration date to June 30, 2010 (Agreement No. 4886-09-PW).
2. Approve the appropriation of funds in the amount of \$172,278 from Water Operating Fund Balance to the Well No. 34 Maintenance and Repair Project No. 10XXX for the following:
  - \$158,900 to cover the cost of the contract
  - \$13,378 to cover the cost of City project management and indirect costs

**DISCUSSION**

Well No. 34 is one of three wells that produce groundwater for the City's new Desalter plant. In mid-2009, it failed suddenly. The City sent out competitive bids in July 2009 for well maintenance services to three qualified regional well maintenance firms to remove the well's pumping equipment, inspect the equipment and well, make minor repairs and reinstall the equipment. The City awarded the work to the low bidder, Layne Christensen Company.

Upon inspection of the pumping equipment, the City found that the main line shaft had failed and that the column pipe had severely corroded, due to a combination of iron reducing bacteria and dissimilar metals. In order to counter these corrosive conditions, staff recommends amending the agreement with Layne Christensen to include replacing the existing corroded column pipe to stainless steel material,

Amendment No. 2 to Agreement with Layne Christensen Company for Maintenance and Repair of  
Well No. 34  
February 1, 2010  
Page 2

replacing the failed shaft and bearings, as well as reinstalling the pumping equipment in the well, and disinfecting it prior to start-up, with a time extension to June 30, 2010.

## **FINANCIAL IMPACT**

The cost of Amendment No. 1 to the Agreement is \$158,900 for a total cost of \$183,800. An additional \$13,378 is needed to cover project management and indirect costs, for a total appropriation of \$172,278. The proposed Special Budget Appropriation will transfer funds in the amount of \$172,278 to the Well No. 34 Maintenance and Repair Project No. 10XXX. There are sufficient funds in the Water Operating Fund to cover the cost of this amendment.

AAE;joh

Attachment #1 – First Amendment to Agreement No. 4886-09-PW

Attachment #2 – Special Budget Appropriation

**FIRST AMENDMENT TO AGREEMENT FOR TRADE SERVICES**

This First Amendment ("First Amendment") to the Agreement for Trade Services ("Agreement") is made and entered into in the County of Ventura, State of California, this 9th day of February, 2010, by and between the City of Oxnard, a municipal corporation ("City"), and Layne Christensen Company ("Vendor"). This First Amendment amends the Agreement entered into on September 8, 2009, by City and Vendor.

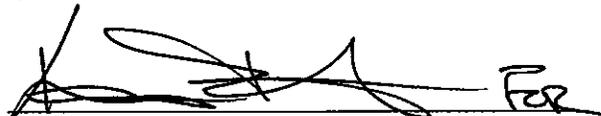
City and Vendor agree as follows:

1. In section 3 of the Agreement, the date "December 31, 2009" is deleted and replaced by the date "June 30, 2010."
2. In section 4 of the Agreement, the figure "\$24,900" is deleted and replaced with the figure "\$183,800" and Exhibit A is supplemented by Exhibit A1, attached hereto and incorporated by reference.
3. In the Schedule of Fees of the Agreement, the date "01/31/10" is deleted and replaced by the date "06/30/10."
4. As so amended, the Agreement remains in full force and effect.

CITY OF OXNARD

VENDOR

\_\_\_\_\_  
Dr. Thomas E. Holden, Mayor

  
\_\_\_\_\_  
Tom Nanchy, Account Manager

ATTEST:

\_\_\_\_\_  
Daniel Martinez, City Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Alan Holmberg, City Attorney

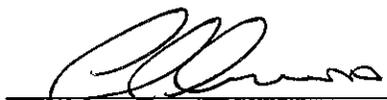
APPROVED AS TO INSURANCE:

  
\_\_\_\_\_  
James Cameron, Risk Manager

APPROVED AS TO CONTENT:

  
\_\_\_\_\_  
Ken Ortega, Public Works Director

APPROVED AS TO CONTENT

  
\_\_\_\_\_  
Anthony Emmert, Water Resources Manager

**EXHIBIT A-1**

**PROJECT FEE ESTIMATE**

| <b>Well 34 – 304SS Pipe– 170 Ft Setting</b>                |                 |                 |              |
|--|-----------------|-----------------|--------------|
| <b>Description</b>   | <b>Quantity</b> | <b>Unit</b>     | <b>Total</b> |
| 12" x .375W x 9'11-1/4" 304SS Column Pipe                  | 16              | Ea              |              |
| 12" x .375W x 4'11-1/4" 304SS Column Pipe                  | 2               | Ea              |              |
| 1-15/16" x 10' 416SS Shaft With 304SS Sleeve               | 16              | Ea              |              |
| 1-15/16" x 5' 416SS Shaft With 304SS Sleeve                | 2               | Ea              |              |
| 12" Bronze Bearing Retainers With Insert                   | 17              | Ea              |              |
| 304SS Wear Rings for Bowls and Impellers                   | 9               | Set             |              |
| 14RHMC Discharge Case With Throttle Bearing – Coated       | 1               | Ea              |              |
| Fabricated Head Nipple 304SS                               | 1               | Ea              |              |
| Machine Shop Labor To Install Wear Rings, Reassemble Bowls |                 | Lump Sum        |              |
| Labor To Install Pump to 170 Ft                            |                 | Lump Sum        |              |
|  |                 | <b>Subtotal</b> | \$127,500    |

*Previous Work To Pull, Inspect, And Video Log Not Included*

**Pump Setting: 170 Ft**

| <b>Well 34 Rehab</b>   |  |                 |           |
|--|--|-----------------|-----------|
| Move to Site with following Equipment  |  | 1               |           |
| Rig and Crew, Chemical Mixing Trailer, Air Compressor,<br>Swab, 4" Pipe and Chemicals, |  |                 |           |
| 20,000 Gal Baker Tank  |  | 1               |           |
| Install Injection swab and pipe  |  | 1               |           |
| Production casing to be treated 135' to 175' and 190' to 235'                          |  | 85 ft           |           |
| Chemicals on Site  |  |                 |           |
| Hydrochloric Acid  |  | 650 gal         |           |
| Rodine 103   |  | 5 gal           |           |
| NW-310 biodispersant   |  | 70 gal          |           |
| Sodim Hypochlorite   |  | 25 gal          |           |
| NW-410 enhancer  |  | 20 gal          |           |
| 500 Gallons Potable Water (Supplied by City)   |  | 500 gal         |           |
| Inject 143.53 Gallons of mixed chemical per 10' Section                                |  | 9               |           |
| Disinfection of Well after Acid has been removed                                       |  | 1               |           |
| Inject 10.045 gal of Chemical 1181 gal Per 10' section                                 |  | 5 hr            |           |
| Air Lift to Baker Tank following Day (30 min per 10' section)                          |  | 4.25 hr         |           |
| Remove Air Lift De-Mobe  |  | 1               |           |
|  |  | <b>Subtotal</b> | \$31,400  |
|  |  | <b>TOTAL</b>    | \$158,900 |

**CLARIFICATIONS:**

1. City to provide legal access.
2. City to provide on-site water source.

**CITY OF OXNARD**  
**REQUEST FOR SPECIAL BUDGET APPROPRIATION**

To the City Manager:

February 9, 2010

Request is hereby made for an appropriation of total . . . . .

\$ 172,278

Reason for appropriation: To fund the Maintenance and Repair of Well No. 34

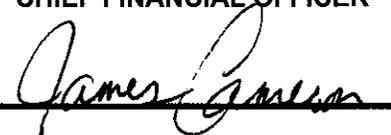
| <u>FUND</u>   | <u>DESCRIPTION/ACCOUNT</u>  | <u>AMOUNT</u>           |
|---|---|-------------------------|
| Water Operating Fund<br>(601)                               | Well No. 34 Maintenance and Repair (10XXX)<br>601-XXXX<br>826-8605 Improv Not Bldg - Major Repair | 158,900                 |
| Water Operating Fund<br>(601)                               | Well No. 34 Maintenance and Repair (10XXX)<br>601-XXXX<br>826-8451 Services From Other Programs   | 10,000                  |
| Water Operating Fund<br>(601)                               | Well No. 34 Maintenance and Repair (10XXX)<br>601-XXXX<br>826-8452 Indirect Cost Plan Charges     | 3,378                   |
| <b>Net Estimated Change to Water Operating Fund Balance</b> |   | <u><u>(172,278)</u></u> |



\_\_\_\_\_  
 Manager

**REQUIRES CITY COUNCIL APPROVAL**

**CHIEF FINANCIAL OFFICER**



Disposition \_\_\_\_\_

Approved \_\_\_\_\_

Rejected \_\_\_\_\_

Transfer by Journal Voucher \_\_\_\_\_

\_\_\_\_\_  
 City Manager Attachment No. 2

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