COUNTY OF GLENN
AGENDA ITEM TRANSMITTAL

MEETING DATE: July 17, 2007
Submiting Department(s): Department of Agriculture

Contact: Lester Messina, Water Resource Coordinator
Phone: 934-6501

BRIEF SUBJECT/ISSUE DESCRIPTION:
A dedicated multi-completion monitoring well has been installed through the cooperative program between the Water Advisory Committee (WAC) and the Colusa Basin Drainage District. Based upon findings of the hydrogeology, well construction had to be altered which exceeded the cost estimate.

AGENDA PLACEMENT

APPOINTMENT - Appearances by: (Specify Name & Title)

ATTACHMENTS

LEGAL/PERS0NNEll/FISCAL

CLERK INSTRUCTIONS

Required _____ Minutes

X Business – No Consent
☐ Correspondence  ☐ Reports & Notices

AFFECTED DEPARTMENT(S)

☐ Receive Concurrence

PUBLIC HEARINGS & COMMITTEE VACANCIES

BILL#:
☐ State  ☐ Federal
☐ General Fund Impact
☐ Other: ______
☐ Latest Version of Bill
☐ Draft Letter Attached
☐ Budgeted
☐ List of Supporters/Opposers
☐ Transfer Attached
☐ Statement of Relevance to County Interests
☐ 4/5ths Vote Required
☐ Description Attached
☐ Contingency Request

CONTRACTS, LEASES & AGREEMENTS

☐ New  ☐ Renewal
☐ Amendment
☐ State
☐ Federal
☐ Insurance Certificate
☐ Date of Original
☐ Contract Report
☐ County Interests Date of Original
☐ Contract No.: Fiscal Year:

RECOMMENDED ACTION/MOTION:
Request the Board of Supervisors:
1) Authorize the Agricultural Commissioner to execute the amended agreement with Eaton Drilling Co., Inc. There is no general fund impact.

Reviewed By (if applicable):

Personnel Director
Department of Finance
County Administrative Officer
EXECUTIVE SUMMARY

The Board has previously authorized the Agricultural Commission to enter into an agreement with Eaton Drilling Co., Inc. to perform well installation (See Minute Order May 1, 2007-16). Due to results of the hydrogeology, the estimated cost of the well has increased approximately $6,000.00.

RECOMMENDATION(S):

Authorize the Agricultural Commissioner to execute the amended agreement with Eaton Drilling Co., Inc. (Eaton) for the additional costs.

HISTORY AND BACKGROUND:

The Glenn County Water Advisory Committee (WAC/TAC) has been assisting the Colusa Basin Drainage District (District) in their efforts to gather information on the potential for groundwater recharge from a planned flood control detention facility in the Wilson Creek area of the County. A component of this project includes the installation of a dedicated monitoring well down gradient of the proposed detention facility.

FISCAL/PERS ONNEL IMPACT(S):

None. The additional cost of $6,000.00 is being paid by Colusa Basin Drainage District.

ANALYSIS/DISCUSSION

This well will provide information crucial to the design and construction of a flood control detention facility and its potential for groundwater recharge and also be a valuable asset to the County's existing dedicated monitoring network.

All items transmitted by a County Department or Agency for inclusion in the agenda for Board of Supervisors action must include all background and analysis necessary for the Board to make an informed decision. Failure to provide adequate information, analysis, or backup could result in the matter not being added to the agenda and returned to the department for additional information.
The following Minute Order of the Board of Supervisors is being sent to you for information or possible action. If you have any questions concerning this matter, please call the Board’s office.

**Minute Order of the Board of Supervisors**  
**May 1, 2007 Regular Meeting**  
**County of Glenn, State of California**

16. **Agreement – Eaton Drilling Co., Inc.**

Matter:  Recommendation of Agriculture Commissioner Mark Black to:
   a. Authorize a sole source contract request with Eaton Drilling Co., Inc., for the installation of a dedicated monitoring well; (Sole Source Request/ Justification set forth therein)
   b. Authorize the Agricultural Commissioner to execute the Agreement with Eaton Drilling Co., Inc.

Motion/Second: Supervisor Hansen/Supervisor Murray
Order: Approve the aforesaid matter
Vote: Unanimous.
AMENDMENT 1
AGREEMENT BETWEEN THE COUNTY OF GLENN
AND
EATON DRILLING CO., INC.

This agreement is entered into between the County of Glenn (County) and Eaton Drilling, Inc. (Contractor/Eaton) for supplying all the materials and labor required to perform the installation and construction of “Dedicated Multi-completion Monitoring Well(s)” in accordance with the Project Specifications (Attachment A).

This contract has been amended to reflect the following changes:

3. COMPENSATION.
   Contractor shall be paid the sum of (not to exceed) $84,268.44 after satisfactorily completing the duties described in this agreement in section (2) Scope of Work of Attachment A.

The effective date of this Amendment shall be the last date upon which all parties have signed the Amendment.

IN WITNESS WHEREOF, County and District have executed this Agreement on the day and year set forth below.

DATED:    7-10-07

CONTRACTOR

Eaton Drilling Co., Inc.

COUNTY OF GLENN

Mark Black, Agricultural Commissioner
Approved as to Content and Fund Availability

APPROVED AS TO FORM:

Thomas C. Agin, County Counsel
Glenn County, California
ATTACHMENT A

1) Project Specifications

Dedicated Multi-completion Monitoring Wells

Well Design

For the purposes of this project, Figure (1) shows the typical design of a well to be used as a dedicated multi-completion monitoring well. Contractor will be provided a well design at the time of geophysical log interpretation.

These wells will most likely be screened in the most productive zones and will have these design features included:

- Borehole width
- Well depth in feet below ground surface (depth to be determined during exploratory drilling)
- Materials to be used and gravel pack specifications
- Well screen specifications from the top of the desired water bearing zones to a designated confining layer
- Sanitary seal to County specifications
- Surface completion details with 3 foot riser, access lid, bollards, and concrete pad

2) Scope of Work

Having read the project specifications and reviewed the well design for Dedicated Multi-completion Monitoring Wells, Eaton will be responsible for:

- Mobilization and demobilization of Drill Rig(s), Direct Rotary.
- Drilling up to 1200 ft. of 8, 10, 12, and 14-inch boreholes by Direct Rotary.
- Conduct (1) down-hole geophysical services consisting of: electric log, induced polarization log, spectral gamma ray log, caliper log, and sonic log.
- Supply all labor and materials to install, construct, and develop well, which includes gravel pack, casings, screen, and surface completion and restoration.
- Provide ancillary work as requested.
### 3) Budget

This is for estimation purposes only. Actual footage for materials may change. Having become completely familiar with all conditions affecting the cost of the drilling and well construction work, and where the work is to be done, the Contractor does hereby bid as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit Price</th>
<th>Quantity</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a. Mobilization/Demobilization – Direct Rotary</td>
<td>$3,000.00</td>
<td>1</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>2. Drilling</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2a. Direct Rotary 8” Test – 1200 ft</td>
<td>$18.00 /foot</td>
<td>1200 ft</td>
<td>$21,600.00</td>
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<tr>
<td>2b. Direct Rotary 16”</td>
<td>$26.00 /foot</td>
<td>160 ft</td>
<td>$4,160.00</td>
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<tr>
<td>2c. Direct Rotary 14”</td>
<td>$25.00 /foot</td>
<td>540 ft</td>
<td>$13,500.00</td>
</tr>
<tr>
<td>2d. Direct Rotary 8”</td>
<td>$18.00 /foot</td>
<td>350 ft</td>
<td>$6,300.00</td>
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<td>3. Geophysical Surveys</td>
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<td>1</td>
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<tr>
<td>4a. Well Construction</td>
<td>$350.00 /hour</td>
<td>41.25 hours</td>
<td>$14,437.50</td>
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<tr>
<td>4b. Well Construction Materials</td>
<td>Cost Plus 15%</td>
<td>1</td>
<td>$18,945.94</td>
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<tr>
<td>5. Monitoring Well Development</td>
<td>$125.00 /hour</td>
<td>9 hours</td>
<td>$1,125.00</td>
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<tr>
<td>6. Surface Completion</td>
<td>$1,200.00</td>
<td>1</td>
<td>$1,200.00</td>
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<tr>
<td>7. Stand By</td>
<td>$125.00 /hour</td>
<td></td>
<td>$</td>
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<tr>
<td>8. Additional Supplies</td>
<td>15 % markup</td>
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<tr>
<td><strong>TOTAL BID AMOUNT:</strong></td>
<td></td>
<td></td>
<td>$84,268.44</td>
</tr>
</tbody>
</table>

(Drilling, construction, material, survey, and development costs are for estimate purposes only. Field conditions may dictate a change in based on these rates)

* Prices include all costs and markup