



COUNTY OF HUMBOLDT

AGENDA ITEM NO.

C-23

For the meeting of: March 7, 2017

Date: February 15, 2017

To: Board of Supervisors

From: Thomas K. Mattson, Public Works Director

Subject: First Amendment to Agreement for Consultant Services with SHN Consulting Engineers & Geologists for the Eel River Valley Groundwater Basin Assessment

RECOMMENDATION(S):

That the Board of Supervisors authorizes the Chair to sign the attached First Amendment to Agreement for Consultant Services with SHN Consulting Engineers & Geologists to perform professional geologist services for the Eel River Valley Groundwater Basin Assessment.

SOURCE OF FUNDING: California Department of Water Resources – Proposition 1 Sustainable Groundwater Planning Grant Program

DISCUSSION:

On August 9, 2016, the Board authorized the Chair to sign an Agreement for Consultant Services (Agreement) with SHN Consulting Engineers & Geologists (SHN) to assist with the Eel River Valley Groundwater Basin Assessment (Project). An amendment to this Agreement is needed to expand the scope of work and extend the term until December 31, 2017. Some additional work items were performed in late 2016, and other work items will be performed later in 2017. The additional work items are needed to complete the necessary field data collection and analysis to support the preparation of a Groundwater Sustainability Plan Alternative and initial planning activities for compliance with the Sustainable Groundwater Management Act. SHN can perform

Prepared by Hank Seemann

CAO Approval

Karen Clower

REVIEW:

Auditor \_\_\_\_\_ County Counsel Sm Human Resources \_\_\_\_\_ Other \_\_\_\_\_

TYPE OF ITEM:

- Consent
- Departmental
- Public Hearing
- Other \_\_\_\_\_

PREVIOUS ACTION/REFERRAL:

Board Order No. C-21

Meeting of: August 9, 2016

**BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT**

Upon motion of Supervisor Fennell Seconded by Supervisor Wilson

Ayes Sundberg, Fennell, Bass, Bohn, Wilson  
Nays \_\_\_\_\_  
Abstain \_\_\_\_\_  
Absent \_\_\_\_\_

and carried by those members present, the Board hereby approves the recommended action contained in this Board report.

Dated: Mar 7, 2017

By: [Signature]  
Kathy Hayes, Clerk of the Board

the requested services for an increase in compensation of \$9,500.

FINANCIAL IMPACT:

The recommended action will have no impact to the General Fund. Funds for the Project have been incorporated into the Fiscal Year 2016-17 budget in revenue line 1100251-525001 and expenditure line 1100251-3452. Public Works has a grant agreement with the Department of Water Resources to provide up to \$250,000 for the Project. A separate agreement was executed with Fisch Drilling for a maximum amount payable of \$104,000, and the actual costs were \$94,476, resulting in cost-savings of \$9,524. Therefore, the funds needed for the First Amendment to the Agreement with SHN are available through cost-savings from the agreement with Fisch Drilling.

The requested action will advance two of the Board of Supervisors' core roles: providing for and maintaining infrastructure, and creating opportunities for improved safety and health.

OTHER AGENCY INVOLVEMENT:

California Department of Water Resources, Humboldt County Division of Environmental Health, Planning and Building Department, Agricultural Commissioner, UC-Cooperative Extension, City of Fortuna, City of Rio Dell, Bear River Band of Rohnerville Rancheria, Hydesville Community Services District, Loleta Community Services District, Palmer Creek Community Services District, Riverside Community Services District, Scotia Community Services District.

ALTERNATIVES TO STAFF RECOMMENDATIONS:

Board discretion

ATTACHMENTS:

First Amendment to Agreement for Consultant Services

**FIRST AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES  
BY AND BETWEEN  
COUNTY OF HUMBOLDT  
AND  
SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.  
For the  
Project Name: Eel River Valley Groundwater Basin Assessment  
Project Number: 251032**

This First Amendment to the Agreement for Professional Services dated August 9, 2016, by and between the County of Humboldt, a political subdivision of the State of California, hereinafter referred to as "COUNTY," and SHN Consulting Engineers & Geologists, Inc., a corporation, hereinafter referred to as "CONSULTANT," is entered into this 7th day of Mar, 2017.

WHEREAS, on August 9, 2016, COUNTY and CONSULTANT entered into an Agreement for assistance with a geologic and hydrogeologic investigation of the Eel River Valley groundwater basin to support the region's compliance with the Sustainable Groundwater Management Act; and

WHEREAS, additional work not identified in the original Agreement is needed to complete the necessary field data collection and analysis to support the preparation of a Groundwater Sustainability Plan Alternative and initial planning activities; and

WHEREAS, additional time is needed to collect data over a full water year; and

WHEREAS, the parties now desire to amend certain portions of the Agreement to extend the term of the Agreement, increase the compensation amount by \$9,500, and add tasks to the scope of work.

NOW, THEREFORE, it is mutually agreed as follows:

1. Section 3 (TERM) is amended to read as follows:

"This Agreement shall begin upon execution by both parties and remain in full force and effect until December 31, 2017, unless sooner terminated as provided herein."

2. Section 5 (COMPENSATION) is amended to read as follows:

"The maximum amount payable to COUNTY for services rendered, and expenses incurred, by CONSULTANT pursuant to the terms and conditions of this Agreement is One Hundred and Forty-Six Thousand and Seven Hundred and Thirty-Six Dollars (\$146,736). The specified rates and costs applicable to this Agreement shall be as set forth in Exhibit D – Billing Rate Schedule."

3. Task 2 of Exhibit A (Scope of Services) to the Agreement is hereby amended to include additional scope items specified as follows:

- A. Task 2.1 - SHN shall assist with designing and managing the scope of work for Fisch Drilling (under separate contract with the COUNTY) to ensure cost-effective services and optimize the benefit/cost of the boring and well installation activities.
- B. Task 2.1 - SHN shall provide assistance with obtaining the permitting (Humboldt County Environmental Health and California Coastal Commission) for the drilling activities.
- C. Task 2.1 - SHN shall conduct the field marking and call-ins for Underground Services Alert (USA) on all proposed boring locations.
- D. Task 2.2 - SHN shall deploy a total of 20 transducers for continuous data collection of surface water and groundwater levels.

E. Task 2.4 – For the four surface water flow measuring events, SHN shall measure discharge at four locations during the first event, 11 locations during the second event, six locations during the third event, and at least six locations during the fourth event (planned for fall 2017).

4. Exhibit B (Project Schedule) to the Agreement is hereby amended to include the following milestones:

November 2017	Pull transducers and process data
December 15, 2017	Complete all final deliverables

5. Exhibit C (Project Budget) to the Agreement is hereby amended as follows:

Task 2 - \$78,236  
Total - \$146,736

6. Except as modified herein the Agreement dated August 9, 2016, shall remain in full force and effect. In the event of a conflict between the provisions of this First Amendment and the original Agreement, the provisions of this First Amendment shall govern.

IN WITNESS WHEREOF, the parties have entered into this Agreement as of the date written above.

***TWO SIGNATURES ARE REQUIRED FOR CALIFORNIA CORPORATIONS:***

- (1) CHAIRPERSON OF THE BOARD, PRESIDENT, OR VICE PRESIDENT; AND*
- (2) SECRETARY, ASSISTANT SECRETARY, CHIEF FINANCIAL OFFICER OR ASSISTANT TREASURER.*

**SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.:**

By: 

Date: 2-1-2017

Name: K. Jeff Nelson

Title: President/CEO

By: 

Date: 2/1/17

Name: Brenda Sigler

Title: CFO

**COUNTY OF HUMBOLDT:**

By:   
Chair, Board of Supervisors

Date: 3/7/17

(SEAL)

ATTEST:  
Clerk of the Board

By: 