



AGENCY: City Council
MEETING DATE: February 12, 2024
DEPARTMENT: Public Works
PRESENTED BY: D. O'Connor
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AGENDA ITEM SUMMARY

TITLE:

Adopt City Council Resolution Approving Professional Services Agreement with SHN Consulting Engineers & Geologists, Inc. to Provide Construction Management Services for the Raw Water Line Replacement Project, City Project No. WTR-00016, and Authorizing City Manager to Execute Contract (Amount Not To Exceed \$560,000)

ISSUE:

The Raw Water Line Replacement Project construction and construction management services contracts were let to bid in December of 2023. Both the construction contract and the construction management contract are being presented for consideration, this evening under separate business items.

A Request for Proposals for Construction Management Services for the Raw Water Line Replacement Project was issued on December 5, 2023 and proposals were opened on January 12, 2024. One proposal was received, from SHN Consulting Engineers and Geologists, Inc. Based on prior experience with the firm and project budget, staff recommends awarding the contract to SHN Consulting Engineers and Geologists, Inc. Their proposal was responsive, they are qualified to perform the work, and their submittal is within the allotted budget amount.

ANALYSIS:

The City is preparing to start construction on the Raw Water Line Replacement Project, upon award of the construction contract, which is recommended in a subsequent agenda item. This construction project scope includes almost 2 miles of new pipeline along with a small pump station located at Newman Reservoir. The Project is subject to CEQA, and a Mitigated Negative Declaration was adopted by City Council on May 23, 2022.

The City of Fort Bragg requested proposals from qualified construction management consultants interested in contracting with the City to perform construction management services for the Raw Water Line Replacement Project. The original solicitation was sent to 40 consultants and two regional builders exchanges. The services of a Construction Management firm include observation of selected construction activities, verification of contractor's construction staking, Storm Water Pollution Prevention Plan (SWPPP) management, and assistance with necessary reporting, as well as administration and document recordkeeping for the contract. The City also asked SHN to include the necessary biological monitoring and agency reporting required by environmental permits.

Typically, construction management services are estimated to be 10-15% of the cost of construction. SHN's proposal came in at \$525,000, with an additional \$35,000 to be included

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for the biological monitoring and reporting, for a total of \$560,000, or 9.4% of the construction bid.

RECOMMENDED ACTION:

Adopt the Resolution awarding the Professional Services Agreement for Construction Management to SHN Consulting Engineers and Geologists, Inc. for Raw Water Line Replacement Project.

ALTERNATIVE ACTION(S):

Direct staff to reissue the Request for Proposals for the Construction Management of the Raw Water Line Replacement Project.

FISCAL IMPACT:

The major funding source for the construction project is the State Department of Water Resources Urban and Multibenefit Drought Relief Grant. The City was awarded \$8,797,500 in grant funds for execution of this project. This contract will be funded by the grant.

Construction Management services typically cost 10%-15% of the base bid. This Professional Services Agreement is 9.4% of the total construction costs. The primary cost savings of SHN can be achieved because they will utilize local employees and run their materials testing and compaction testing through their Willits Office. There is adequate budgeted funding available for this project as bid.

GREENHOUSE GAS EMISSIONS IMPACT:

There will be a short-lived increase of greenhouse gas emissions during the construction phase due to the equipment necessary for the performance of the work. Increases in greenhouse gases will only occur during actual construction. All Air Quality Management District best management practices for minimizing greenhouse gas emissions during construction, like reducing idling vehicles, will be incorporated into the daily activities of this project.

ENVIRONMENTAL ANALYSIS:

An environmental assessment was conducted by Dewberry Engineers, which resulted in the preparation of a Mitigated Negative Declaration (MND). The MND includes ten (10) Biological mitigations, two (2) Cultural mitigations, one (1) Geology mitigation, two (2) Hazard mitigations, one (1) Hydrology mitigation, one (1) Noise mitigation, one (1) Public Service mitigation, one (1) Transportation mitigation, one (1) Tribal Cultural Resources mitigation, one (1) Wildfire mitigation. The specific details of the mitigations are described in the full text of the document and summarized in the mitigation monitoring plan, both of which are available on the [City's Project Website](#). After a properly noticed Public Hearing, the MND was adopted by City Council on May 23, 2022.

CONSISTENCY:

Construction of this project is consistent with the goal of increasing the reliability of the City's water system.

IMPLEMENTATION/TIMEFRAMES:

Proposals in response to RFP opened – January 12, 2024
Professional Services Contract awarded – February 12, 2024
Start Construction – April 2024
Complete Construction – September 2025

ATTACHMENTS:

1. Resolution
2. Professional Services Agreement
3. SHN Scope of Work

NOTIFICATION:

1. Jason Island, PE SHN