



IMPACT STATEMENT

Date: June 23, 2016

Council Date: July 27, 2016

Legislation Title: Accept contracts with CH2M, Inc. and SSC Construction, Inc. for the design, construction, and construction support services for the Powell Butte Reservoir No. 2, Phase 2 Project as complete, release retainage, and authorize final payments (Report; Contract Nos. 30000828 and 30002100)

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Presenter Name: Teresa K. Elliott, P.E., Chief Engineer

Purpose of proposed legislation and background information:

Per Resolution No. 36430, a post project evaluation is mandated for projects over \$500,000. The Powell Butte Reservoir No. 2, Phase 2 Project (Project) was constructed in two phases. Phase 1 was completed and accepted by Council in June 2011. This report is for Phase 2 which involved the design and construction of a 50 million gallon seismically reinforced concrete buried reservoir at Powell Butte and related supporting infrastructure. The supporting infrastructure included the future on-site Conduit 5, construction of a maintenance and storage facility, a new caretaker's house, an interpretive center and restrooms, park improvements and mitigation requirements per the conditions of approval in the 2003 Land Use Report Type III Conditional Use Master Plan as amended in 2011.

Ordinance No. 183228 authorized a contract for design and construction support services for the Project. On September 21, 2009 the City entered into a Contract No. 30000828 with CH2M Hill, Inc.

Ordinance No. 184328 authorized a construction contract and provided for payment for the Powell Butte Reservoir No. 2, Phase 2 Project. The Project was solicited through Bid No. 112503. The engineer's estimate for the Project was \$100,000,000 with an optimal confidence rating.

On May 25, 2011, City Council approved the City Procurement Officer's recommendation to award a contract to SSC Construction, Inc. for the construction of the Powell Butte Reservoir No. 2,

Phase 2 Project. On May 26, 2011 the City entered into Contract No. 30002100 with SSC Construction, Inc. This legislation provides information on final project costs and accepts Contract No. 30000828 with CH2M Hill, Inc. and Contract No. 30002100 with SSC Construction, Inc. as complete, releases retainage, and authorizes final payments.

Financial and budgetary impacts:

The original contract with CH2M Hill, Inc. for the design and construction support services for the Project was in the amount of \$8,455,246. Amendment No. 4 and 8 provided an increase to the contract in the amount of \$3,812,688 in support of additional construction management, design revisions, and project management. Amendment No. 8 received City Council approval through Ordinance No. 185733. The additional amendments to the contract were for administrative changes and required no additional funds. The final cost for services under the CH2M Hill, Inc. contract was \$12,090,836.76.

The original contract with SSC Construction, Inc. was in the amount of \$80,238,574. Change Order No. 2, 3, 9, 12, and 13 provided an increase to the contract in the amount of \$3,929,045.39 in support of contract extension, subcontracting plan, design clarification, revisions and deficiencies, code requirements, encountering unknown site conditions, added site security, authorized additional services which supported the installation of piping for the Division Street Conduits 2 and 3 intertie work and provided for the construction of Lucid Energy Incorporated (LEI) in-line turbines and vaults per the agreement between the Water Bureau and LEI. Change Order No. 9 received City Council approval through Ordinance No. 186939. All other change orders were for administrative changes to the contract and were no cost changes. The final construction total was \$84,167,618.51, a 4.89% increase over the original contract amount.

Funding for this Project is included in the current fiscal year budget. Acceptance of this report will not have an additional financial impact nor result in a change in forecasted water rates.

Community impacts and community involvement:

The Water Bureau's public outreach plan for the Project focused on educating the public, enhancing trust and confidence, implementing an inclusive public process, and providing factual and clear information.

Public outreach strategies included neighborhood association and business association presentations, information booth at the park and other community locations, site tours, briefings to elected officials, hosting music concerts at Powell Butte, participation at high volume community events, and a kiosk on a highly utilized trail within the park. Project information and updates were communicated through a dedicated project webpage, facts sheet, project brochure, newsletter, displays and signage in the park, kiosks, articles in the community newspaper and neighborhood association newsletters, and online communications.

The Project had broad public interest and public involvement played an enormous role. There were numerous groups involved with the Project, each with varying interests and included community residents, local neighborhood associations, adjacent housing properties (including Powell Butte Heights Homeowner's Association, Meadowland Park, and Meadow Crest Farm Estates), thousands of park users, special interest groups (Friends of Powell Butte, Northwest

Trails Alliance, Inc., Johnson Creek Watershed Council, 40 Mile Loop Trail Land Trust, Equestrians, Audubon Society of Portland, Friends of the Reservoirs, Columbia River Orienteering Club), local businesses, general public, other bureaus and government agencies, and the news media.

Budgetary Impact Worksheet

Does this action change appropriations?

- YES: Please complete the information below.
- NO: Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount


Michael Stuhr, P.E., Administrator

7/1/16
Date