

REQUEST FOR COUNCIL ACTION

SUBJECT: Water Master Plan Amendment No. 2

SUMMARY: Approve Amendment No. 2 to the Professional Services Agreement with Hansen, Allen and Luce, Inc. for a second draft report with additional Modeling Analysis Services of pipe scenario alternatives, in an amount not to exceed \$9,814.00.

FISCAL IMPACT: Funds are available in the Capital Water Account.

STAFF RECOMMENDATION:

Staff recommends approval of Amendment No. 2 to the Professional Services Agreement with Hansen, Allen and Luce, Inc. for a second draft report with additional Modeling Analysis Services of pipe scenario alternatives, in an amount not to exceed \$9,814.00.

MOTION RECOMMENDED:

"I move to adopt Resolution No. 15-110 authorizing the Mayor to execute Amendment No. 2 to the Professional Services Agreement with Hansen, Allen and Luce, Inc. for a second draft report with additional Modeling Analysis Services of pipe scenario alternatives, in an amount not to exceed \$9,814.00.

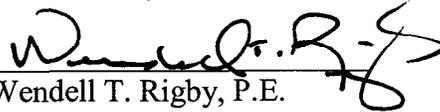
Roll Call vote required

Prepared by:



Tim Heyrend, P.E.
Utilities Engineer

Reviewed by:



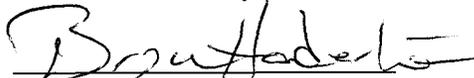
Wendell T. Rigby, P.E.
Director of Public Works

Reviewed as to Legal Sufficiency:



Darlene Aicorn
Acting City Attorney

Recommended by:



Bryce Haderlie
Interim City Manager

BACKGROUND DISCUSSION:

The City has hired the engineering firm Hansen, Allen and Luce, Inc. (HAL) to prepare a Water Master Plan update, including modeling analysis and creation of an updated capital projects list. During the modeling analysis, several options were brought up to study the pressure zone boundary alignments which required additional modeling analysis and engineering meeting time. The model demands were also updated using geocoding analysis of existing water meter data for precise water usage and more accurate modeling. The results will be provided in a second draft report of the Water Master Plan.

City staff is asking to approve additional funding for the requested modeling and mapping services from HAL. They have provided the attached professional services contract amendment for \$9,814.00 to complete the work.

Attachments:

Resolution
Amendment No. 2

THE CITY OF WEST JORDAN, UTAH
A Municipal Corporation

RESOLUTION NO. 15-110

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AMENDMENT NO. 2 TO THE PROFESSIONAL SERVICES AGREEMENT BETWEEN THE CITY AND HANSEN, ALLEN AND LUCE, INC.

WHEREAS, the City Council of the City of West Jordan has reviewed Amendment No. 1 to the Professional Services Agreement between the City of West Jordan and Hansen, Allen, and Luce, Inc. (a copy of which is attached) for additional Water Modeling Analysis and a second draft report for the Water Master Plan in an amount not to exceed \$9,814; and

WHEREAS, the City Council of the City of West Jordan desires to approve Amendment No. 2 to the Professional Services Agreement with Hansen, Allen, and Luce, Inc. for additional Water Modeling Analysis and a second draft report for the Water Master Plan in an amount not to exceed \$9,814.

NOW, THEREFORE, IT IS RESOLVED BY THE CITY COUNCIL OF WEST JORDAN, UTAH, THAT:

Section 1. After approval as to legal form, the Mayor is hereby authorized and directed to approve Amendment No. 2 to the Professional Services Agreement with Hansen, Allen, and Luce, Inc. for Water Modeling Analysis and a second draft report for the Water Master Plan in an amount not to exceed \$9,814.

Section 2. This Resolution shall take effect immediately upon passage.

Adopted by the City Council of West Jordan, Utah this 10th day of June 2015.

Kim V. Rolfe
Mayor

ATTEST:

MELANIE S. BRIGGS
City Recorder

Voting by the City Council	"AYE"	"NAY"
Jeff Haaga	_____	_____
Judy Hansen	_____	_____
Chris McConnehey	_____	_____
Chad Nichols	_____	_____
Sophie Rice	_____	_____
Ben Southworth	_____	_____
Mayor Kim V. Rolfe	_____	_____

AMENDMENT NO. 2
TO AN AGREEMENT
FOR PROFESSIONAL SERVICES
BETWEEN THE CITY OF WEST JORDAN
AND
Hansen, Allen and Luce, Inc.

THIS AMENDMENT, made and entered into this 10th day of June 2015 by and between the CITY OF WEST JORDAN, a municipal corporation (hereinafter referred to as "City"), and Hansen Allen & Luce, Inc.(hereinafter referred to as "Consultant").

The City and Consultant agree as to amend the following sections of the original Professional Services Agreement to provide additional engineering services for the Water Master Plan Update to include a second draft report with additional Modeling Analysis Services.

2. **DESCRIPTION OF SERVICES**

The services to be performed by Consultant are as follows:

Provide for additional engineering services for the Water Master Plan Update as described in the attached Consultant's proposal dated May 20, 2015.

3. **COMPENSATION AND PAYMENT**

The total compensation payable to Consultant by City for the services described in Paragraph 2 shall not exceed the sum of **9,814.00** for Amendment No. 2 bringing the total not-to exceed fee to \$96,887.50 for services under this contract.

In concurrence and witness whereof, this Agreement has been executed by the parties effective on the date and year first above written.

CITY OF WEST JORDAN

Kim V. Rolfe, Mayor

APPROVED AS TO ADMINISTRATION:

Melanie Briggs, City Recorder



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Mr. Tim Heyrend, P.E.
Utilities Engineer
City of West Jordan
8000 South Redwood Road
West Jordan, Utah 84088

May 20, 2015

Re: Request for authorization for extra services

Mr. Heyrend,

In preparing the City's drinking water master plan, the City has asked for us to complete additional tasks. Per our agreement dated 23rd of April 2014 for the City's Water Master Plan Update, Paragraph 4, we are providing this description of the items which require additional effort.

In particular, the following activities are additional items which were not included in the original budget, along with a brief explanation:

- **Second Draft Report** – The City has requested a second draft. Along with the second draft a second round of changes to the model and analysis will need to be performed.
- **Additional Meetings** – The original budget had 7 meetings with an allowance of 41 hours. The City has requested additional meetings to discuss the results of the modeling and review the recommended projects. A total of 4 additional 3 hour meetings are anticipated with two HAL employees attending.
- **Secondary Water System Considerations** - It was requested that HAL consider the use of a secondary system while preparing the drinking water system master plan – alternatives with and without a secondary system were requested to be explored for the drinking water system.
- **Updated Demands** - It was initially assumed that the demands in the model would only require minor updates. It was later determined that all the model demands needed to be updated. It was requested that HAL geocode an up-to-date water meter data set, and create an updated demand set for the model.
- **Separated Indoor and Outdoor Demands** - It was also requested that HAL separate the indoor and outdoor demands within the demand set of the drinking water model. In addition to isolating the demands, demand curves specific to the indoor and outdoor demands were also asked to be developed.

The following table summarizes the additional items, estimated hours, and cost.

Mr. Tim Heyrend
May 20, 2015
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Additional Item	Estimated Hours	Estimated Cost
Second Draft Report	32	\$3,404
Meetings	24	\$2,718
Secondary Water System Considerations	12	\$1,249
Updated Demands	14	\$1,448
Separated Indoor and Outdoor Demands	10	\$995
Total	96	\$9,814

HAL appreciates the opportunity to provide these services to West Jordan City. Should you have questions or require additional information, please contact us.

Sincerely,



Steven C. Jones, P.E.
Hansen, Allen & Luce, Inc.