



	Approved	Denied
Date Action Taken:	7/24/06	
Other:		
Verified by:	<i>Admiral</i>	

WASILLA CITY COUNCIL ACTION MEMORANDUM

AM No. 06-40

TITLE: CONTRACT AWARD TO CH2MHILL IN THE AMOUNT OF \$70,000 FOR E. SUSITNA RESERVOIR WELL HOUSE ENGINEERING SERVICES

Agenda of: July 24, 2006
 Originator: Public Works Director

Date: July 13, 2006

Route to:	Department	Signature/Date
	Police Chief Youth Court, Dispatch, Code Compliance	
	Culture and Recreation Services Director Library, Museum, Sports Complex	
X	Public Works & Recreation Facility Maintenance Director	<i>[Signature]</i> 7/14/06
X	Finance, Risk Management & MIS Director Purchasing	<i>[Signature]</i>
X	Deputy Administrator Planning, Economic Development, Human Resources	<i>S. Gault</i> 7/13/06
X	City Clerk	

REVIEWED BY MAYOR DIANNE M. KELLER: *Dianne Gault for Mayor Keller*

FISCAL IMPACT: yes \$70,000 or no Funds Available yes no

Account name/number:

Pal-Was Ph III City	320-4369-436.45-28	\$25,000
FY 2007 DCCED	320-4369-436.45-XX	\$45,000

Attachments: CH2MHILL Proposal

SUMMARY STATEMENT: In 2005, City Council awarded an engineering contract to CH2MHill for the E. Susitna Reservoir Project that included a 0.85 million gallon reservoir, exploratory well, well house, and booster station. In 2006, construction funding was limited to the reservoir structure and exploratory well only. The legislature this year provided construction funding for the well house, to be constructed over the exploratory well. This contract will provide CH2MHill authorization to prepare a design-build bid package for the well house building, provide design and construction engineering services, and prepare final documents to complete the project.

The reservoir is currently being supplied by existing municipal wells. This project will bring on the new exploratory well that is capable of producing 500,000 gallons per day.

ACTION: Contract award to CH2MHill in the amount of \$70,000 for E. Susitna Reservoir Well House engineering services, of which \$45,000 is subject to execution of the FY 2007 Designated Legislative Grant with the Department of Commerce Community and Economic Development (DCCED).



CH2MHILL

CH2M HILL
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Anchorage, AK
99503-2648
Tel 907.278.2551
Fax 907.257.2000

July 10, 2006

Archie Giddings, P. E.
Director of Public Works
City of Wasilla
290 E. Herning Avenue
Wasilla, AK 99654

Subject: City of Wasilla E. Susitna Water Improvements Phase III – Well House Design and Limited Services During Construction Services

Dear Archie:

This letter presents our proposed approach and lump sum fee to complete design documents sufficient for the City to engage a construction contractor to construct the well house and complete the interior water well and chlorination room. The well house will be large enough to accommodate a future project to install pumping equipment for a high pressure service area and an outdoor standby generator.

We are ready to immediately produce 35% design documents so the City can advertise for a construction contractor. Our design work will continue during the bidding period. Upon selection, we will work closely with your contractor to complete all remaining design work needed so materials can be ordered and building construction expedited.

The well house will be approximately 900 square feet in size and of concrete block construction with a metal roof. The metal roof will have a removable cover over the water well to facilitate maintenance of the well. The building will have a set of double doors on its south side. No windows are anticipated on the exterior of the building. The water well will be completed with a vertical turbine pump and exterior motor and piped to the chlorine room. A pump control valve will be installed to minimize water hammer and surges during pump start-up and shut-down. A flow meter will be installed between the pump's discharge and chlorine room.

The chlorine room will be set-up with a mix tank and pump for a calcium hypochlorite disinfection system, similar to what we designed for the City's Bumpus water facility. The chlorine room will have a single door with a wire window for viewing into the room. The room will include emergency eyewash and shower station. There will be a window set in

one of the room's interior walls. One course of tile will be installed on the finished wall immediately above floor level.

Our understanding is the City will provide day-to-day inspection services and CH2M HILL is to review shop drawings and answer contractor questions, provide milestone inspections plus record drawings at the completion of the project. We will also assist the City apply for an ADEC certificate to construct, certificate to operate, ADNR water rights application, and State Fire Marshall review and approval. The City will pay for all plan review and permit fees.

I will be your project manager and Bob Whealy, P.E. will be CH2M HILL's design manager.

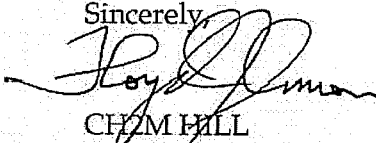
To accomplish the above scope of work can be completed for a lump sum amount of \$70,000. This amount is in addition to the funds remaining on our current project.

We are ready to immediately begin work upon receipt of your notice to proceed, to be followed with a contract amendment.

Our understanding is the City desires the facility to be operational by the end of this year, if possible. To that end, the City is proceeding with installing all needed yard piping and preparing the site for the building construction. This work is proceeding from the civil design drawing delivered to the City on June 28, 2006.

Please let me know if you have any questions.

Sincerely,



CH2M HILL

Floyd J. Damron, P.E.

Vice-President and Senior Project Manager