

CITY OF DILLINGHAM, ALASKA

RESOLUTION NO. 2014-16

A RESOLUTION OF THE DILLINGHAM CITY COUNCIL APPROVING TASK ORDER NO. 1 WITH CH2M HILL TO CONTINUE WORK ON THE WASTE WATER TREATMENT PLANT PROJECT TO ADDRESS NON-COMPLIANCE ISSUES

WHEREAS, the City of Dillingham has an existing contract with CH2M Hill to work with the City of Dillingham and DEC to assist in the development of a Compliance Order By Consent that will allow the City's wastewater treatment plant (WWTP) to continue to operate while developing a schedule of necessary upgrades to bring the plant into compliance with the discharge permit requirements; and

WHEREAS, the City received another Notice of Violation for the from the Dept. of Environmental Conservation (AkDEC) on February 20, 2014 which included noncompliance issues at the lagoon for continued effluent exceedences and for not having a Quality Assurance Project Plan (QAPP) on hand; and

WHEREAS, the City approved a Wastewater Treatment Plant (WWTP) Facility Plan with Resolution 2013-38 on June 27, 2013; and

WHEREAS, Phase II included a "Permanent Septage Receiving Station" which the City would like to be placed at the Landfill instead of at a Lift Station or the Lagoon; and

WHEREAS, the City needs to get the Septage Receiving Station designed as soon as possible to allow for a bid for construction this summer; and

WHEREAS, while the City is waiting for the construction of the permanent septage receiving station it will be seeking approval from AkDEC to bury the raw sewage in the landfill so that the City can discontinue dumping in the lagoon as soon as possible to address the effluent exeedences; and

WHEREAS, Phase III includes upgrading the aeration system at the lagoon which needs to be done in Phase II to address additional issues raised in the Notice of Violation from DEC; and

WHEREAS, Phase II includes putting in a Chlorination System which the City would like to move to Phase III to address issues raised in the Notice of Violation sooner; and

WHEREAS, these modifications of the June 17, 2013 WWTP Facility Plan will need to be incorporated into a revised document to present to AkDEC; and

WHEREAS, CH2M Hill has two separate contracts with the City of Dillingham one for the WWTP and the other for the Landfill; and

WHEREAS, CH2M Hill under contract for the Landfill is developing the City's AkDEC Solid Waste Permit application that is due by May 1, 2014 and the City will need to address the Septage Receiving Station and the dumping of the raw sewage in its permit application; and

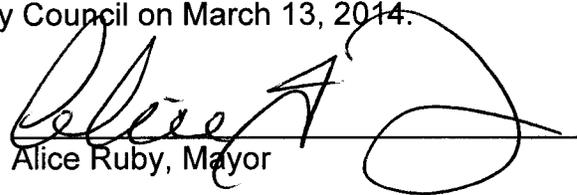
WHEREAS, continue work with CH2M Hill for both the City's WWTP and Landfill is needed to address the City's non-compliance issues which will show AkDEC that the City has a consistent partner in addressing the violations with its WWTP and making progress to improve the system;

NOW, THEREFORE, BE IT RESOLVED that the City Council authorizes the City Manager to task CH2M Hill with the following:

1. Revise the WWTP Facility Plan to address modification of the plan;
2. Develop a Quality Assurance Project Plan;
3. Consult with AkDEC to determine the regulatory requirements for a Septage Receiving Station; and
4. Design of a Permanent Septage Receiving Station.

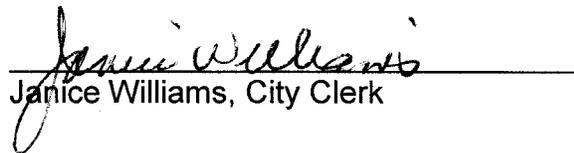
BE IT FURTHER RESOLVED that the fee estimate for this work is a not-to-exceed amount of \$23,500 including professional services and reimbursable costs to all be paid from the WWTP grant.

PASSED and ADOPTED by the Dillingham City Council on March 13, 2014.


Alice Ruby, Mayor

ATTEST:

[SEAL]


Janice Williams, City Clerk



Subject: A resolution of the Dillingham City Council approving Task Order No. 1 with CH2M Hill to continue work on the Waste Water Treatment Plan Project to address non-compliance issues

Agenda of: March 13, 2013

Council Action:

Manager: Recommend approval.

City Manager: Carol Shade Acting
Rose Loera

Route To:	Department / Individual	Initials	Remarks
X	Finance / Carol Shade	CS	
X	Public Works Director/Francisco Garcia	F.G.	
X	City Clerk / Janice Williams	JW	

Fiscal Note: Yes X No _____ Funds Available: Yes X No _____

Other Attachment(s): WWTP Task Order No. 1

Summary Statement.

A Notice of Violation (NOV) was received on February 20, 2014 from State of Alaska Dept. of Environmental Conservation (AkDEC) on the Wastewater Treatment Plant (WWTP) which identified 8 violations of Dillingham's WWTP permit # AKG570018. The NOV is located in the packet under "Other". The City is required to respond to the NOV within 30 days of receipt identifying how the violations will be addressed.

The NOV was reviewed by the City's Project Manager, representatives of CH2M Hill, City Planner and City Manager and a plan to address the violations was put in motion. A letter to respond to the NOV will be sent before the deadline asking for more time to address the violations in the spring because the ground is frozen at this time.

The City would like to increase the scope of CH2M Hill's contract for the WWTP with four additional tasks:

- Revise the WWTP Facility plan to address the modifications of the phasing schedules and to add the option of a Septage Receiving Station at the Landfill.
- Develop a Quality Assurance Project Plan (QAPP) for the plant. This was a violation in the 2009 as well but was not corrected. The QAPP will be a standard operating procedure for the WWTP to follow for the sampling and reporting to DEC that is required on a monthly basis. Some of the violations that we've received were from improper recording of the samples.

- Consult with AkDEC to determine the regulatory requirements for a Septage Receiving Station. The City currently allows the dumping of raw sewage into the lagoon, which it is believed is contributing to the coliform levels exceeding DEC limits. In order to address this issue and show that the City is taking steps to reduce these levels, the City proposes building a Septage Receiving Station at the landfill. This Septage Receiving Station will be located close to the entrance of the landfill. The system will be a multiple tank system to retain solids with the effluent flowing into a leach field. An adjacent area to the dump station would be constructed to contain geotubes for periodic pumping of the solids and subsequent dumping into the landfill. The facility will be fenced and accessed by a card reader operated gate. The design of the system will need AkDEC approval prior to putting it out for bid.

Prior discussions for moving the raw sewage dumping was to one of the lift stations. None of the City's lift stations are capable at this time to receive raw sewage from pumper trucks and that is not a preference because of the fear of a spill and our PW staff having to clean it up.

- Develop a conceptual level design of the septage receiving station based in accordance with AkDEC and City requirements.

CH2M Hill has been working with the City for the non-compliance issues at the WWTP and the Landfill and we would like to continue that relationship.

The total cost for the four additional tasks is a not to exceed amount of \$23,500. Funds for this task order will come from the WWTP grant.

**City of Dillingham
Fiscal Note**

Agenda Date March 13, 2014

Request: _____

ORIGINATOR: Carol Shade

FISCAL ACTION (TO BE COMPLETED BY FINANCE)		FISCAL IMPACT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
AMOUNT REQUESTED: <p align="right">\$ 23,500.00</p>		FUNDING SOURCE WasteWater Treatment Plant	
FROM ACCOUNT 3213 8510 30 62 4410 0 <p align="right">\$ 23,500.00</p>		Project WasteWater Treatment Plant Non-Compliance Issues	
TO ACCOUNT:	VERIFIED BY: Carol Shade	Date: 3/13/2014	

EXPENDITURES

OPERATING	FY14	FY15	FY16	FY17
Personnel				
Fringe Benefits				
Contract				
Computer Hardware				
Land/Buildings				
Miscellaneous				
TOTAL OPERATING	\$ -	\$ -	\$ -	\$ -

CAPITAL	\$ 23,500.00			
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REVENUE				
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FUNDING

General Fund				
State/Federal Funds	23,500.00			
BBEDC	-			
TOTAL FUNDING	\$ 23,500.00	\$ -	\$ -	\$ -

POSITIONS

Full-Time				
Part-Time				
Temporary				

ANALYSIS: (Attach a separate page if necessary)

See Resolution 2014-16

PREPARED BY: Carol Shade

March 13, 2014

DEPARTMENT: Finance Department

March 13, 2014

TASK ORDER

WASTE WATER TREATMENT PLANT - TASK ORDER NUMBER: 1

PROJECT NAME: Assist the City to develop a Quality Assurance Project Plan (QAPP) for the Wastewater Treatment Plant (WWTP), update the Project Phasing Section of the WWTP Facility Plan dated July 17, 2013, and determine the regulatory requirements and develop a conceptual design for a Septage Receiving Station to address the Notice of Violation given by the State of Alaska Department of Environmental Conservation (AkDEC) on February 20, 2014.

This Task Order pertains to an Agreement by and between the City of Dillingham ("OWNER") and CH2M Hill Engineers, Inc. which was signed on November 2, 2012, ("the AGREEMENT") for services related to the WWTP. Consultant shall perform services on the project described below as provided herein and in the Agreement. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below.

PROJECT DESCRIPTION

1. Revise the WWTP Facility Plan to address modifications to the Project Phasing section of the plan and to add the option of a Septage Receiving Station at the Landfill.
2. Assist the City in the development of a QAPP for the operations of the WWTP. The QAPP is a requirement of DEC #AKG570018 II.D and will address the WWTP Notice of Violation on this issue.
3. Consult with AkDEC to determine the regulatory requirements for a Septage Receiving Station at the Dillingham Landfill that would include a system with one or more tanks to retain solids with the effluent flowing into a leach field. An adjacent area to the septage receiving station would be constructed to contain geotubes for dewatering of solids for subsequent disposal into the landfill. The facility will be fenced and accessed by a card reader operated gate.
4. Develop a conceptual level design of the septage receiving station based in accordance with AkDEC and City requirements.

PAYMENTS TO CONSULTANT

The fee proposal is a time & materials basis using updated labor rates for 2014 with a not-to-exceed amount of \$23,500 with funds coming from the WWTP grant.

This Task Order is executed this _____ day of _____, 2014.

City of Dillingham
"OWNER"

By: Rose Loera

CH2M Hill Engineers, Inc.
"CONSULTANT"

By:

Signature: _____
Title: City Manager

Signature: _____
Project Manager