

CITY OF DILLINGHAM, ALASKA

RESOLUTION NO. 2013-72

A RESOLUTION OF THE DILLINGHAM CITY COUNCIL APPROVING TASK ORDER NO. 15 WITH BRISTOL ENGINEERING SERVICES CORP. TO DESIGN IMPROVEMENTS TO LIFT STATION # 6 (CITY DOCK)

WHEREAS, the City of Dillingham is planning to upgrade Lift Station # 6 at the City Dock; and

WHEREAS, CH2M Hill has a contract with the City of Dillingham to provide engineering services for the Wastewater Treatment Plan upgrades; and

WHEREAS, the contract included providing a cost estimate to upgrade the City Dock lift station which they estimated to be about \$1,737,000; and

WHEREAS, it was our opinion that the cost estimate was too high for the size of the building, because we already have the new pumps in the lift station; and

WHEREAS, Bristol Engineering Services had assisted us in the past with an estimate for upgrading the Dock Lift Station which was considerably lower than what CH2M Hill is estimating; and

WHEREAS, it is in the best interest of the City of Dillingham to gets a second opinion on a cost estimate upgrading the Dock Lift Station.

NOW, THEREFORE, BE IT RESOLVED that the City Council authorizes the City Manager to task Bristol Engineering Services with the following:

1. Design of a new lift station and associated building.

BE IT FURTHER RESOLVED that the fee estimate for this work is \$66,800 including professional services and reimbursable costs.

PASSED and ADOPTED by the Dillingham City Council on November 7, 2013.

SEAL:


Alice Ruby, Mayor

ATTEST:


Janice Williams, City Clerk

Subject: A resolution of the Dillingham City Council approving Task Order No. 15 with Bristol Engineering Services Corp. to Design Improvements to Lift Station # 6 (City Dock)

Agenda of: November 7, 2013

Council Action:

Manager: Recommend approval.

City Manager: 
Rose Loera

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

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

Other Attachment(s):

- Task Order No. 15
- Fee Proposal from Bristol Engineering Services Corp.

Summary Statement.

The City of Dillingham approved the Wastewater Treatment Plant Facility Plan on June 27, 2013. This plan included an upgrade to the City Dock Lift Station # 6 in Phase II of the project at an estimated cost of \$1,737,000. Phase I of the project was completed this past summer.

It is the opinion of our past Project Manager, City Manager and Public Works staff that the cost estimate given by CH2M Hill appears to be high and we felt getting a second opinion was prudent business practice.

Bristol Engineering Services Corp. has worked on many projects of ours and is familiar with the Dock Lift station and is ready to provide us a design and cost once approved by the Council. The project will consist of the design of a new lift station and association buildings at the rate they provided dated 9/18/2013.

City of Dillingham
Fiscal Note

Agenda Date: November 7, 2013

Request: _____

ORIGINATOR: _____

FISCAL ACTION (TO BE COMPLETED BY FINANCE)		FISCAL IMPACT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
AMOUNT REQUESTED:		FUNDING SOURCE	
\$ 66,800.00		Waste Water Treatment Plant	
FROM ACCOUNT		Project	
3213 8510 30 62 4411 0	\$ 66,800.00	Dock Lift Stations	
TO ACCOUNT:	VERIFIED BY: Carol Shade	Date: 11/1/2013	

EXPENDITURES

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

Architect/Engineering	66,800.00			
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REVENUE				
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FUNDING

General Fund				
State/Federal Funds	66,800.00			
Homeland Security Grant				
TOTAL FUNDING	\$ 66,800.00	\$ -	\$ -	\$ -

POSITIONS

Full-Time				
Part-Time				
Temporary				

ANALYSIS: (Attach a separate page if necessary)

See Action Memorandum 2013-68

PREPARED BY: Carol Shade

November 7, 2013

DEPARTMENT: Finance Department

November 7, 2013

Bristol Engineering Services Corp.

TASK ORDER NUMBER: 15

PROJECT NAME: Design of LS 6 (City Dock) Improvements

This Task Order pertains to an Agreement by and between the City of Dillingham ("OWNER") and Bristol Companies ("CONSULTANT"), formerly known as Bristol Engineering Services Corp., dated May 7, 2013 ("the AGREEMENT"). 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.

PART 1.0 PROJECT DESCRIPTION

Design improvements to LS#6 (City Dock).

PART 2.0 SCOPE OF SERVICES TO BE PERFORMED BY CONSULTANT

The project will consist of the design of a new lift station and associated building. See Bristol's fee proposal dated 9/18/2013 for further details and assumptions.

PART 3.0 OWNER'S RESPONSIBILITIES

The City shall provide office space when the consultant is in town working on City project, unless otherwise agreed by both parties and shall also provide transportation.

PART 4.0 DELIVERABLES AND TIME PERIOD

Design shall be completed by January 2014 to allow for construction award in March 2014.

PART 5.0 PAYMENT TO CONSULTANT

The fee proposal is a time & materials basis with a not-to-exceed amount of **\$66,800.**

PART 6.0 OTHER

N/A

This Task Order is executed this _____ day of _____, 2013.

City of Dillingham
"OWNER"

Bristol Engineering Services Corp.
"CONSULTANT"

By: Rose Loera

By: Travis Woods, P.E.

Signature: _____

Signature: _____

Title: City Manager

Project Manager

Bristol



ENGINEERING
SERVICES CORPORATION

111 W. 16th Avenue, Third Floor
Anchorage, AK 99501-5109
907-563-0013 Phone
907-563-6713 Fax

Ms. Rose Loera
City of Dillingham
PO Box 889
Dillingham, AK 99576

September 18, 2013

Subject: Civil Engineering Services Cost Proposal for the Dillingham Lift Station

Dear Rose,

Bristol Engineering Services Corporation (BESC) appreciates this opportunity to provide civil engineering design services for improvements to Lift Station #6 in Dillingham, Alaska. The Scope of Work was discussed in person between the City Public works director and BESC project engineer Michael Himler on 9/12/13, and via teleconference between you, Steve Cropsy, the Public Works Direction, and myself.

PROJECT SCOPE:

The project site is located at the harbor area along 2nd Avenue West. The project will consist of the demolition of the existing lift station building to its foundation, and the construction of a new 14'x16' lift station on top of an expanded foundation. We are not including raising the building or otherwise expanding the wet well due to budget constraints. Instead, we are proposing site grading to minimize flooding. The following design conditions are assumed:

- A new lift station will have separate electrical and wet well rooms.
- The building will be provided with a new hoisting system (a bridge crane or similar).
- New rails and base will be provided for the pumps.
- The existing building electrical system will be replaced. The panels for the existing pumps will be retained and moved into the new electrical room.
- The new building will have a higher ceiling than the existing building.
- New lighting, including flood lights for the wet well.
- New safety grate / hatch for the wet well will be included.
- New drainage on the building exterior. The fixed floor elevation of the current building will not be modified. The existing electrical transformers adjacent to the building will remain in place.
- A construction cost estimate will be prepared for the project, prior to going "final" on the design.
- In order to keep the project within available funding limits, a septage dumping station design was not included in this scope of work. However, during the design of the lift station, we will evaluate possible locations for the station.

ASSUMPTIONS

- A two-man survey crew will fly to Dillingham to complete a site survey of the lift station, topography, and adjacent facilities. It is assumed that within Dillingham, the City will provide transportation to and from the project site.
- It is assumed that the site can be re-graded, and that drainage trenches and/or curbs will be installed adjacent to the building in order to reduce the potential for storm water to enter the facility. The fixed floor elevation of the building would not be modified.
- It is assumed that the existing pumps are adequate for the City's pumping requirements. It is assumed that the existing control panel can be reused with the new building; and possibly moved inside the new electrical room.
- A temporary pumping system will not be designed (for operation while the improvements are being constructed). It is assumed that the temporary removal of wastewater will be completed by seepage pumper trucks, or will be otherwise implemented by the City.
- The wooden pier wall will be expanded 16 linear feet, and the area backfilled.
- It is assumed that the wet well will not be modified, or its capacity increased.

SCHEDULE

We have personnel available to begin work on the information gathering portion of this design effort immediately upon receiving the notice-to-proceed from you. We understand that the design completion date is scheduled for January of 2014 to allow for construction award in March 2014 and an anticipated project completion date of November 2014.

FEE PROPOSAL

We propose to furnish the above-described design services on a Time and Expense basis, not-to-exceed amount of **\$66,800** as shown in the attached fee estimate spreadsheet. Work shall be done in accordance with our 2013-2014 Schedule of charges (updated every June). We look forward to working with you on this important project, and will be happy to answer any questions you may have.

Sincerely,



Travis Woods, P.E.
CEO / Senior Engineer

Attachment: Fee Estimate

COST ESTIMATE PER TASK

FIRM: Bristol Engineering Services Corp.		PROJECT TITLE: Dillingham Main Lift Station (#6)		DATE: 9/18/2013				
TASK NO.:	TASK DESCRIPTION:	Civil Design Fee		PREPARED BY: K. Petersen				
GROUP:	METHOD OF PAYMENT:	FP <input type="checkbox"/> FPPE <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>						
SUB-	LABOR HOURS PER JOB CLASSIFICATION							
TASK NO.	SUB-TASK DESCRIPTION	Project Manager	Project Eng.	Staff Eng	Admin	Structural	Surveyor	Total
1	Project Management	6			5			11
2	Site Visit / As-built						20	20
3	Civil Design	24	84	208	2	40		358
4	Construction Cost Estimate	2	4			2		8
TOTAL LABOR HOURS		32	88	208	7	42	20	397
* LABOR RATES (\$/HR)		\$180.00	\$125.00	\$90.00	\$65.00	\$163.00	\$225.00	
LABOR COSTS (\$)		\$5,760.00	\$11,000.00	\$18,720.00	\$455.00	\$6,846.00	\$4,500.00	\$47,281.00

EXPENSES		QUANTITY	UNIT PRICE	TOTAL PRICE
2	Permitting (ADEC)	1	\$592.00	\$592.00
2	Fire Marshall Permit	1	\$150.00	\$150.00
1	Travel / per diem	1	\$2,000.00	\$2,000.00
TOTAL EXPENSES:				\$2,742
SUB-CONTRACTORS: Firm Initials and Price Per Task				
FIRM:	EDC			
AMOUNT:	\$15,000			

COMMENTS:		FIRM'S TOTAL COST OF LABOR (or Fixed Price):	\$47,281
		FIRM'S TOTAL EXPENSES + 10%	\$3,016
		FIRM'S TOTAL COST (no Subcontracts or Fee)	\$50,297
		TOTAL SUBCONTRACTOR PRICES: (+10%)	\$16,500
		PROJECT TOTAL	\$66,797.20