

1 **CITY OF HOMER**
2 **HOMER, ALASKA**

3 City Manager
4 Public Works Director

5 **RESOLUTION 24-026**
6

7 A RESOLUTION OF THE CITY COUNCIL OF HOMER, ALASKA
8 AUTHORIZING ISSUANCE OF A CHANGE ORDER TO COBLE
9 GEOPHYSICAL SERVICES, LLC., IN THE AMOUNT OF \$34,505 TO
10 CONTINUE WORK ON THE BELUGA SLOUGH GREEN
11 INFRASTRUCTURE PROJECT AND AUTHORIZING THE CITY
12 MANAGER TO NEGOTIATE AND EXECUTE THE APPROPRIATE
13 DOCUMENTS.
14

15 WHEREAS, Ordinance 23-16(S) appropriated the following funds to design and
16 construct the Beluga Slough Green Infrastructure Project:

17	Alaska Clean Water Actions (ACWA) Grant	\$153,307
18	City of Homer Matching Funds – HART Road Fund	\$ 81,313
19	City of Homer Matching Funds – In-kind services	<u>\$ 25,869</u>
20	Total	\$260,489

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22 WHEREAS, The goal is to develop a storm water treatment installation that filters out
23 particulates, dissolved metals and other contaminants that storm water carries, before the
24 water is discharged into the Slough; and
25

26 WHEREAS, Resolution 23-041 authorized issuance of Task Order 23-01 to Coble
27 Geophysical Services, LLC., (“Coble”) to design the project and work has been on-going all
28 summer as we tested the density, porosity and chemical constituency of the existing soils to
29 ascertain their suitability for a nature-based storm water treatment facility and researched the
30 type of facility that would be compatible with the site’s soils, ground water levels and
31 vegetation; and
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33 WHEREAS, We found that much of the soils at the Beluga Slough site have dried out over
34 time, due to the City’s construction of a gravel berm that extends into the Beluga Slough
35 wetland; and
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37 WHEREAS, Work to work around this issue has caused us to fully expend the Coble
38 contract; and
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40 WHEREAS, Part of the original plan was for Coble Geophysical Services to coordinate
41 and supervise the construction of the vault; and
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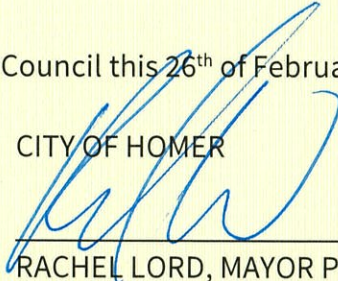
43 WHEREAS, Public Works estimates that there will be an additional \$34,505 worth of
44 work needed from Coble Geophysical Services; and

45 WHEREAS, The total cost of the project, including both current and future expenses, is
46 estimated by Public Works to be \$222,086, which is within the funds allocated by the ACWA
47 Grant and City match.

48
49 NOW THEREFORE BE IT RESOLVED that the Homer City Council hereby authorizes a
50 change order in the amount of \$34,505 to the Coble contract to continue work on the Beluga
51 Slough Green Infrastructure Project and authorizes the City Manager to negotiate and execute
52 the appropriate documents.

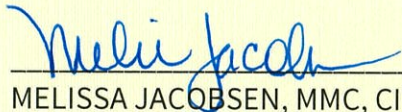
53
54 PASSED AND ADOPTED by the Homer City Council this 26th of February, 2024.

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56 CITY OF HOMER



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59 RACHEL LORD, MAYOR PRO TEMPORE

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61 ATTEST:

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64 MELISSA JACOBSEN, MMC, CITY CLERK

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66 Fiscal note: Ordinance 23-16(S) appropriated \$153,307 from ACWA Grant funds; \$124,612.75
67 remains. Ordinance 23-16(S) appropriated \$81,313 from HART Roads Fund; \$81,313 remains.
68 Ordinance 23-16(S) appropriated \$25,869 from In-Kind Services; \$25,869 remains.





MEMORANDUM

Resolution 24-026, An Ordinance of the City Council of Homer, Alaska Authorizing Issuance of a Change Order to Coble Geophysical Services, LLC, in the Amount of \$34,505 to Continue Work on the Beluga Slough Green Infrastructure Project and Authorizing the City Manager to Negotiate and Execute the Appropriate Documents. City Manager.

Item Type: Backup Memorandum
Prepared For: City Council
Date: February 13, 2024
From: Owen Meyer, Project Technician
Through: Rob Dumouchel, City Manager

I. Issue: The purpose of this Memorandum is to request approval to issue a change order to Coble Geophysical Services LLC., in the amount of \$34,505 for the Beluga Slough Green Infrastructure Project.

II. Background:

At its regular meeting of April 10, 2023, The City Council passed Ordinance 23-16(S) authorizing funding to support the Beluga Slough Green Infrastructure Storm Water Treatment System (Project) as follows:

- | | | |
|----|--------------------|---|
| a. | \$153,307 | 2023-2025 Alaska Clean Water Actions (ACWA) Grant |
| b. | \$83,388.44 | HART Road Fund |
| c. | <u>\$23,792.43</u> | Employee wages as in-kind services |
| | \$260,487.87 | Total Project Cost |

The goal is to develop a storm water treatment installation that filters out particulates, dissolved metals and other contaminants that storm water carries, before the water is discharged into the Slough.

In reality, this budget has not turned out quite as planned. Some of matching funds which Public Works said would come from City staff hours came from Coble Geophysical Services instead. These expenses were coded to the Public Works operating budget (GL# 100-0177-5210). This is an entirely new concept for a project. Homer has never designed or built any infrastructure of this type before and there were unforeseen complications in the design meaning that design expenses for the first reporting period were greater than expected. Additionally, City staff hours spent on the project were less than expected and we needed a way to fulfill our match obligations. As of yet, the match has consisted of \$6,868.81 in City

staff hours and use of Public Works office space and \$15,969.03 in design services and materials purchased by CGS.

Resolution 23-041 authorized issuance of Task Order 23-01 to Coble Geophysical Services, LLC., (“Coble”) to design the project, which involved the following activities:

- Task 1 – Collecting baseline data to properly characterize the site, including collecting data regarding sediment load and water volumes
- Task 2 – Researching containment structure alternatives & recommending a preferred alternative
- Task 3 – Designing the treatment facility
- Task 4 – Assisting the City with permitting
- Task 5 – Assisting the City with installation

Activities related to these Tasks have been on-going all year. We have been testing the density, porosity and chemical constituency of the existing soils to ascertain their suitability for a nature-based storm water treatment facility and researching the type of facility that would be compatible with the site’s soils, ground water levels and vegetation. Sadly, we found that much of the soils at the Beluga Slough site have dried out over time, due to the City’s construction of a gravel berm that extends into the Beluga Slough wetland. This means this site would not have the potential we had hoped for to serve its original purpose, so we looked for a supplemental site.

Design work for a vault at the East end of Bunnell Avenue is almost complete. Construction of the vault is expected to begin in the spring or summer of 2024. Part of the envisioned plan was for Coble Geophysical Services to aid the City in organizing and overseeing construction of the vault. In September of this year, the Council approved an increase of \$23,000 to Coble Geophysical Services’ task order. At the time, Public Works knew that this increase would be insufficient to cover the remainder of the work, but we did not know what the full amount needed would be so we asked for the \$23,000 to cover expenses that we knew about.

Public Works now estimates needed funds will be \$34,505. Using the grant money and the money appropriated from HART roads for the match, there will be enough budgeted to cover all remaining expenses.

Costs (Current + Projected)

Coble Geophysical Services – Design Engineer	\$87,217
Jay Rand – Vault Materials	\$80,000
Fritz Creek Welding – Vault Materials	\$18,000
Installation Contractor (Vendor TBD)	\$20,000
Overflow Pipe (Vendor TBD)	\$10,000

City Staff	<u>\$6,868.81</u>
Total	\$222,085.81

In order to continue the work on the Bunnell Avenue, site, we recommend an increase of \$34,505, to complete the final design and assist with installation of the component parts that will comprise the treatment facility.

- III. RECOMMENDATIONS:** That the City Council authorizes the issuance of a Change Order to Coble Geophysical Services, LLC., in the amount of \$34,505 to continue work on the Beluga Slough Green Infrastructure Project.