CITY OF HOMER
HOMER, ALASKA

City Manager
Public Works Director

RESOLUTION 23-113

A RESOLUTION OF THE CITY COUNCIL OF HOMER, ALASKA, APPROVING A TASK ORDER TO COBLE GEOPHYSICAL SERVICES, LLC, IN THE AMOUNT NOT TO EXCEED $53,000 TO DESIGN STORM WATER WORKS FOR THE KACHEMAK GREEN INFRASTRUCTURE STORM WATER MANAGEMENT PROJECT, AND AUTHORIZING THE CITY MANANGER TO EXECUTE THE APPROPRIATE DOCUMENTS.

WHEREAS, With the adoption of Ordinance 23-46, the City Council accepted a grant, as a sub-recipient, from NOAA, through the University of Alaska Anchorage, acting for the Kachemak Bay National Estuarine Research Reserve (KBNERR) for the Kachemak Sponge Project (Kachemak Sponge); and

WHEREAS, The Kachemak Sponge Project involves using a system of pipes and ditches, to direct water into constructed retainage ponds and natural wetlands for storage and nature-based treatment; and

WHEREAS, This system requires specialized design work to determine the extent to which the wetlands can absorb and treat storm water; and

WHEREAS, Coble Geophysical Services, LLC ("Coble"), is the only consulting firm with local staff qualified to perform this work and Geoff Coble has been involved in the field and design development work for the Kachemak Sponge since January 2022; and

WHEREAS, Coble's scope of work will involve using the data collected from earlier field work to determine where the various storm water works need to go as well as how big they need to be to capture and treat the expected volumes of storm water.

WHEREAS, Coble has traveled to Finland to visit a wetland-based treatment facility, similar to the Kachemak Sponge, to assure himself, and the City, that wetland-based treatment facilities would work in cold climates and to better understand how to design them effectively; and

WHEREAS, The cost for Coble's work is part of the NOAA grant budget, meaning the City will be reimbursed with grant funds.

NOW, THEREFORE, BE IT RESOLVED that the City Council of Homer, Alaska, awards a Task Order for professional services to Coble Geophysical Services, LLC, in the not to exceed

amount of $53,000 professional services and authorizes the City Manager to execute the appropriate documents.

PASSED AND ADOPTED by the Homer City Council this 23rd day of October, 2023.

CITY OF HOMER

KEN CASTNER, MAYOR

ATTEST:

MELISSA JACOBSEN, MMC, CITY CLERK

Fiscal note: Ordinance 23-46

CC-23-242

MEMORANDUM

Resolution 23-113, A Resolution of the City Council of Homer, Alaska Approving a Task Order to Coble Geophysical Services, LLC in the Not to Exceed Amount of $53,000 to Design Storm Water Works for the Kachemak Green Infrastructure Storm Water Management Project, and Authorizing the City Manager to Negotiate and Execute the Appropriate Documents. City Manager/Public Works Director.

Item Type: Backup Memorandum

Prepared For: City Council

Date: October 10, 2023

From: Janette Keiser, PE, Public Works Director/City Engineer

Through: Rob Dumouchel, City Manager

I. Issue:

The purpose of this Memorandum is to recommend award of a Task Order to Coble Geophysical Services, LLC ("Coble") to design storm water works for the Kachemak Sponge Green Infrastructure Storm Water Management Project (Kachemak Sponge).

II. Background:

With the adoption of Ordinance 23-46, the City Council accepted a grant, as a sub-recipient, from NOAA, through the University of Alaska Anchorage, acting for the Kachemak Bay National Estuarine Research Reserve (KBNERR) for the Kachemak Sponge Project. The Kachemak Sponge Project involves using natural wetlands to absorb and treat storm water. The project will use a system of pipes and ditches, to direct water into constructed retainage ponds and natural wetlands for storage and nature-based treatment. This requires specialized design work to determine the extent to which the wetlands can absorb and treat storm water.

Coble is the only consulting firm with local staff qualified to perform this work. Further, Geoff Coble has been involved in the field and design development work for the Kachemak Sponge since January 2022. This included installing sheet metal flumes used to measure water volume entering the subject wetlands and drilling test wells in the wetlands to ascertain the depth of the active peat layer. Coble's scope of work will involve using the data collected from this field work to determine where the various storm water works need to go as well as how big they need to be to capture and treat the expected volumes of storm water.

Mr. Coble is so committed to this project, he traveled to Finland, at his own cost, to visit a wetland-based treatment facility, similar to the Kachemak Sponge, to assure himself, and the City, that wetland-based treatment facilities would work in cold climates and to better understand how to design them effectively.

The cost for Coble's work is part of the NOAA grant budget, meaning the City will be reimbursed with grant funds.

III. RECOMMENDATION: That the City Council award a Task Order to Coble Geophysical Services, LLC, in the Not To Exceed amount of $53,000.