

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

3 City Manager
4 PW Director

5 **RESOLUTION 21-055**

6
7 A RESOLUTION OF THE CITY COUNCIL OF HOMER, ALASKA,
8 AWARDING A TERM CONTRACT TO BRISTOL ENGINEERING, LLC FOR
9 ENGINEERING SERVICES AND AUTHORIZING THE CITY MANAGER TO
10 NEGOTIATE AND EXECUTE THE APPROPRIATE DOCUMENTS.
11

12 WHEREAS, In 2006, as part of the Homer Water & Sewer Master Plan, Homer
13 commissioned Bristol to develop a computer program that modeled the City's water
14 distribution system for the purpose of computing how water pressure in the City's network of
15 pipelines varied across the City; and
16

17 WHEREAS, The City uses this model, among other things, to demonstrate to the AK
18 Department of Environmental Conservation (ADEC) that the City is providing no less than the
19 minimum required water pressure throughout its system, as the system expanded overtime
20 with new water main extensions; and
21

22 WHEREAS, There have been numerous water main extensions, hydrant installations
23 and other appurtenances added to Homer's water system since 2006, but the Water Model has
24 never been updated, which has recently become problematic; and
25

26 WHEREAS, It as Homer's water system expands, we are going to be increasingly
27 challenged to demonstrate compliance with regulatory guidelines unless we update the Water
28 Model by calibrating it to actual field conditions; and
29

30 WHEREAS, Bristol developed the original model, is in the best position to help with this
31 recalibration and submitted a proposal for the work; and
32

33 WHEREAS, Bristol will be collaborating with the City's Water/Sewer Crew, who will using
34 the City's fire hydrants to manipulate flows throughout the system, while Bristol collects
35 pressure data; and
36

37 WHEREAS, Bristol's projected level of effort to perform their part of the work ranges
38 between \$5,862 and \$9,960, depending on how much field testing is required to achieve
39 reliable results; and
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41 WHEREAS, The City does not currently have a Term Contract for engineering services
42 with Bristol; and
43

44 WHEREAS, Funds are available in the Water CARMA, Fund 256-0378, to cover the
45 anticipated expense.

46
47 Current Balance \$2,434,942
48 Less:
49 Encumbrances \$ 692,138
50 Authorized Projects \$ 478,783
51 Available Balance \$1,264,021
52

53 NOW THEREFORE, BE IT RESOLVED that the City Council of Homer, Alaska, does hereby
54 award a Term Contract for Professional Engineering Services to Bristol Engineering LLC, to
55 expire when the next term contracts are issued in 2022 and authorizes the City Manager to
56 negotiate and execute the appropriate documents.

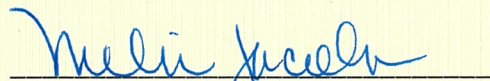
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58 PASSED AND ADOPTED by the Homer City Council this 9th day of August, 2021.
59

60 CITY OF HOMER

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63

64 KEN CASTNER, MAYOR

65 ATTEST:

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68 MELISSA JACOBSEN, MMC, CITY CLERK
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70 Fiscal Note: Each project under this term contract will have a separate account number/project
71 number associated for engineering/design or other project support.

