

**Presented By:**  
City Manager

**Action Taken:**  
Yes\_\_\_\_  
No\_\_\_\_  
Abstain\_\_\_\_

**CITY OF NOME, ALASKA**

**RESOLUTION NO. R-22-06-02**

**A RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO A COLLABORATIVE AGREEMENT WITH PENNSYLVANIA STATE UNIVERSITY AND EXTREME HABITATS INSTITUTE TO DEVELOP A 3D CONCRETE PRINTING DEMONSTRATION PROJECT IN NOME AND SUBMIT APPLICATIONS FOR ITS FUNDING**

**WHEREAS**, the City of Nome is currently experiencing increased demand for housing; and,

**WHEREAS**, Nome's housing stock is not able to adequately meet the needs of Nome's population; and,

**WHEREAS**, the City of Nome is committed to increasing the availability and affordability of housing within its corporate limits; and,

**WHEREAS**, the City of Nome has the opportunity to partner with Pennsylvania State University and the Extreme Habitats Institute in developing a research project demonstrating the viability of 3d concrete printing technology as a faster, cheaper and more sustainable alternative to conventional construction methods in Rural Alaska; and,

**WHEREAS**, the success of the project could have positive and broad implications for Nome and Rural Alaskan communities facing similar challenges;

**NOW, THEREFORE, BE IT RESOLVED** that the Nome Common Council authorizes the City Manager to enter into a collaborative agreement with Pennsylvania State University and Extreme Habitats Institute to develop a 3d printing demonstration project and submit applications for its funding.

**APPROVED** and **SIGNED** this 13<sup>th</sup> day of June, 2022.

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**JOHN K. HANDELAND,**  
**Mayor**

**ATTEST:**

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**BRYANT HAMMOND,**  
**City Clerk**