



# AGENDA ITEM REPORT

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**Resolution 23-046, A Resolution of the City Council of Homer, Alaska Authorizing a Task Order in the amount of \$379,661 to HDR Engineering, Inc. for the Homer Harbor Expansion Study's In-Kind Engineering Support Services and Authorizing the City Manager to Negotiate and Execute the Appropriate Documents. City Manager/Port Director.**

**Item Type:** Resolution  
**Prepared For:** Mayor Castner and Homer City Council  
**Meeting Date:** 24 April 2023  
**From:** Bryan Hawkins, Port Director  
**Through:** Rob Dumouchel, City Manager

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The City entered into a Homer Harbor Expansion General Investigation (GI) study on March 29 2023 with the Army Corps of Engineers (USACE) to explore the feasibility of Homer's proposed project to construct a new large vessel harbor on the north side of Homer's existing Small Boat Harbor. The GI will provide all the economic, environmental, geophysical and engineering analysis necessary to develop a final cost to benefit ratio on a preferred design and launches the Preconstruction Design and Engineering phase. The proposed task order is in regards to the engineering analysis portion of the GI study.

When developing the GI Study agreement, since signed on March 29 2023, the USACE reached out to the City to ask about planned Work In Kind that the City might provide so they could include it in the GI study's signing package documents. To help answer their question, City staff and HDR's engineering met with the AK USACE's engineering/ hydrology department and discussed areas where their staff could be best utilized by the USACE to assist with the project. Developed from that meeting is HDR's draft amendment 1 to existing task order 22-02 in the amount of \$379,661 (see attached). City staff are proposing to instead issue a new separate task order for the new engineering services listed (tasks #10 thru #13), as opposed to the amendment to the existing owner representative services task order that HDR is suggesting, to facilitate better City project tracking and accounting/reimbursement. HDR is one of the City's firms currently under contract allowing for work to be issued via task order through our policies.

The cost of the Harbor Expansion General Investigation study is capped a 3 million dollars by the Army Corps and is a 50/50 federal/local match. Total local share is 1.5 million, half of which is in the form of a reimbursable grant from AK accepted by Council via (Ord 22-64) and half of which is represented by the City's portion, allocated per Ord 20-06 in the amount of \$750,000 (renewed via Ord 23-01). To

best utilize this funding, whenever possible, we will first submit any initial City expenditures (not to exceed the \$750,000 allocated in Ord 23-01) for reimbursement to fully utilize the AK legislative grant\*. After the grant is expended, we will continue on to use the (now reimbursed) City share of funds to finish out the local match for the final total of \$1.5 million. We have confirmed with USACE that the engineering work included in the proposed amendment 1 to the HDR task order, at a cost of \$379,661, will be accepted as Work In Kind for the Local Match's portion of the study. Therefore, hiring HDR to assist with the engineering via task order is not an additional cost outside of the 1.5 million dollar local match already allocated by the City. Additionally, it adds support and resources to the study to help shoulder workloads and manage timelines in partnership with the USACE Engineering team, and gives the City a representative hand in the project/product results.

*\* Per "Article 29 Subcontract for Engineering Services", of our signed grant agreement the proposed In Kind Work is eligible for AK Legislative Grant Reimbursement for this project/ grant.*

### **Recommendation**

Adopt Resolution 23-046

Attachment:

Resolution 23-046

Homer Ordinances 20-06, 22-64, 23-01

HDR Draft Task Order- Amendment 1

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

3 City Manager/  
4 Port Director

5 **RESOLUTION 23-046**

6  
7 A RESOLUTION OF THE CITY COUNCIL OF HOMER, ALASKA,  
8 AUTHORIZING A TASK ORDER, IN THE AMOUNT OF \$379,661, TO  
9 HDR ENGINEERING INC. FOR THE HOMER HARBOR EXPANSION  
10 STUDY'S IN KIND ENGINEERING SUPPORT SERVICES

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12 WHEREAS, On March 29 2023 the City signed an agreement to engage in a Homer harbor  
13 expansion general investigation (GI) study with the Army Corps of Engineers (USACE) ; and

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15 WHEREAS, Planning for the City's anticipated Work In Kind services was part of the  
16 USACE process when drafting agreement documents for the study; and

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18 WHEREAS, City staff and HDR Engineering met with the Army Corps engineering dept.  
19 for the Homer harbor expansion general investigation study to assess their needs; and

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21 WHEREAS, Upon conclusion of the meeting HDR developed and provided a quote for  
22 the discussed services in the amount of \$379,661; and

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24 WHEREAS, The cost for the study is capped by the USACE at 3 million dollars at a 50%  
25 federal/ 50% local match (\$ 1.5 million each)

26  
27 WHEREAS, Half of the \$1.5 million local match is provided by the State in the form of a  
28 reimbursable legislative grant for \$750,000 (Ord 22-64), and half is represented by the City's  
29 contribution of \$750,000 from the general fund (Original Ord 20-06, renewed Ord 23-01); and

30  
31 WHEREAS, The USACE confirmed that these support services shall be treated as Work  
32 In Kind that counts toward the local portion of the study match. No additional funds are  
33 needed above what has already been allocated by the City in Ord 23-01 and Ord 22-64; and

34  
35 WHEREAS, Adding HDR Engineering Inc. to assist the USACE team provides additional  
36 resources for workloads and timelines, gives the City an active representative role in the  
37 process and product of the study, and is in the City's best interest.

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39 NOW, THEREFORE, BE IT RESOLVED that the City Council of Homer, Alaska, awards the  
40 task order in the amount of \$379,661 for the Homer Expansion Study's In Kind engineering  
41 support services to HDR Engineering Inc. and authorizes the City Manager to execute the  
42 appropriate documents.

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45 PASSED AND ADOPTED by the Homer City Council this 28<sup>th</sup> day of April, 2023.

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CITY OF HOMER

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KEN CASTNER, MAYOR

51 ATTEST:

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MELISSA JACOBSEN, MMC, CITY CLERK

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56 Fiscal note: Ordinance 23-01



March 16, 2023

Bryan Hawkins  
Port Director and Harbormaster  
City of Homer  
4311 Freight Dock Road  
Homer, AK 99603

Subject: Proposal for Homer Large Vessel Harbor Expansion Project Owner's Representative – Amendment No. 1

Shortly following execution of the Task Order #22-02 Homer Large Vessel Harbor Expansion Project Owner's Representative between the City of Homer (City) and HDR, the City was notified by the U.S. Army Corps of Engineers (USACE) that the General Investigation (also referred to as the Feasibility Study) for the harbor expansion project had been funded through a Congressional Directed Spending Request. This action gave the authority to the USACE to enter into a project agreement with the City and begin the Integrated Feasibility Report and Environmental Assessment (IFR/EA).

As such, scope of work items in Task Order #22-02 that were intended to elevate the project need at a national level to raise awareness for project funding are not required at this current time and will be put on hold until further direction from the City.

Additionally, as part of the cost share agreement with USACE, the City will be providing engineering services through HDR as Work In Kind (WIK) for executing the IFR/EA. Amendment No. 1 of Task Order #22-02 includes additional scope to provide engineering and other professional services that will be included as WIK for the USACE-led IFR/EA.

A detailed Scope of Work and Fee Estimate for Task Order #22-02 Amendment No. 1 are provided as an attachment.

A summary of the modifications to Task Order #22-02 are provided in Table 1.

**Table 1. Summary of Task Order #22-02 Fee Amounts**

<b>Task Order #22-02</b>	<b>Amount</b>
Original Contract	\$408,073
Amendment No. 1	\$379,660
<b>Total:</b>	<b>\$787,733</b>
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<i>On-Hold Scope Amount (Requires Written NTP Authorization)</i>	\$176,607
<i>USACE Work in Kind Scope Amount</i>	\$379,660

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**Schedule**

It is assumed the Phase 1 Work-In-Kind tasks (Task 10, 11, 12, and 13) will occur over an approximate **3-year time period** to coincide with the USACE Feasibility Study process. Upon authorization of Amendment No. 1 and receipt of USACE Feasibility Study schedule, HDR will develop a detailed schedule of Phase 1 tasks desired to be initiated by the City and WIK tasks that align with the USACE Feasibility Study schedule.

**Fee**

The additional estimated fee for the tasks above is \$379,660 on a time and expense basis for a total amount of \$787,733. Of that amount, \$379,660 is WIK scope for the USACE Feasibility Study. The breakdown of costs and estimated labor hours are shown on the attached Cost Estimate spreadsheet. Invoices for the work performed will be submitted monthly.

Thank you again for this opportunity to work with the City of Homer.

Sincerely,



Ronny L McPherson  
Vice President  
HDR Coastal and Maritime Program Lead



Matthew Stone  
Vice President  
Alaska Area Operations Manager

**Attachments:**

- Detailed Scope of Work for Task Order #22-02, Amendment No. 1 date March 16, 2023
- Detailed Fee Spreadsheet for Task Order #22-02, Amendment No. 1 dated March 16, 2023.



## Detailed Scope of Work for Task Order #22-02 Amendment No. 1

### **Task 4 – Regional Hub Influence Study**

**ADD** the following language to the beginning of the paragraph:

*Work on Task 4 – Regional Hub Influence Study will be performed upon written NTP authorization for this task from the City.*

### **Task 5 – Assistant Secretary of the Army Letters of Support**

**ADD** the following language to the beginning of the paragraph:

*Work on Task 5 – Assistant Secretary of the Army Letter of Support will be performed upon written NTP authorization for this task from the City.*

### **Task 6 – USACE HQ In-Person Visit Support**

**ADD** the following language to the beginning of the paragraph:

*Work on Task 6 – USACE HQ In-Person Visit Support will be performed upon written NTP authorization for this task from the City.*

### **Task 6 – USACE HQ In-Person Visit Support**

**ADD** the following language to the beginning of the paragraph:

*Work on Task 8 – USACE Coordination will be performed upon written NTP authorization for this task from the City.*

**ADD** the following assumption and limitation:

- *USACE coordination pertinent to HDR's role in the Feasibility Study advancement will be conducted under Task 10.*

### **Task 10 through Task 13**

**ADD** the following tasks after Task 9

**Task 10 – USACE PDT Meeting and Coordination (WIK)**: HDR will participate in USACE Project Development Team (PDT) weekly meetings. HDR will prepare supplemental meeting material as needed pertaining to the engineering work performed to communicate and document the progress made by the City.

#### **Task 10 Assumptions and Limitations:**

- *Meetings are assumed to be held virtually*

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- *Meetings are assumed to be approximately 1 hour in duration and held weekly for a duration of 3 years.*
- *USACE will led meetings and develop official meeting summaries*

**Task 11 – USACE Scoping Phase (WIK)**: HDR will provide the following engineering-related work to support the Scoping Phase of the USACE Feasibility Study per the Planning Guidance Notebook (Engineer Regulation 1105-2-100).

**Task 11.1 – Planning Charette**: HDR will participated in the USACE-led Planning Charrette that occurs during the Scoping Phase of the USACE Feasibility Study. HDR will provide staff with expertise in coastal hydrodynamics, harbor design, and port planning.

**Task 11.2 – Baseline Metocean Conditions**: HDR will develop baseline meteorological and oceanic (metocean) conditions for the area of the proposed harbor expansion. Baseline metocean conditions will include:

- 1) Water level conditions. Baseline water level assessment will include future relative sea-level rise predictions based on USACE-published information and extreme water levels to include the 1% annual exceedance probability (AEP) and 10% AEP water levels based on National Oceanic and Atmospheric Administration (NOAA) published historical data.
- 2) Regional spectral wave modeling. Model domain will include Kachekmak Bay and an applicable portion of Cook Inlet to allow full wave development. Model scenarios will include multiple wind-wave directions applying an assigned 1%, 2%, and 5% annual exceedance percentage (AEP) per direction at varying water levels include Mean Lower Low Water (MLLW), Mean Sea Level (MSL), Mean Higher High Water (MHHW), 10% AEP, 1% AEP, and 1% AEP including 50 years of relative sea level rise (RSLR). The AEP values will be based on an extreme value analysis of regional wind speeds.
- 3) Local Boussinesq wave modeling. Model domain will include the Homer Spit terminus and existing harbor. Model scenarios will include the 1%, 2%, and 5% AEP wave conditions using a unit-wave modeling approach for multiple wind-wave directions at varying water levels include MLLW, MSL, MHHW, 10% AEP, 1% AEP, and 1% AEP with 50 years of RSLR.
- 4) Tidal circulation modeling. Tidal circulation model domain will incorporate Kachekmak Bay and detail the Homer Spit including the existing harbor. Model scenarios will include a typical Spring tide, typical Neap tide, and a 1% AEP storm surge using a representative storm surge hydrograph.
- 5) Sedimentation conditions of Homer Spit. Sedimentation conditions will be assessed based on a literature review of previous site-specific studies, review of USACE dredging quantities within the existing harbor entrance, and analysis of historical aeriels.



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Task 11.3 – Formulate Alternative Plans and Initial Evaluation: HDR will support the USACE PDT formulating conceptual-level alternatives and supporting initial evaluations.

<b>Task 11 Deliverables</b>	<b>Schedule</b>
Task 11 work will be documented in the Draft IFR/EA Engineering Appendix submitted under Task 12	N/A

Task 11 Assumptions and Limitations:

- *Planning charrette is assumed to be held in Homer, AK for a duration of three (3) days.*
- *Extreme water level assessment will utilize the National Oceanic and Atmospheric Administration (NOAA) station Seldovia 945550.*
- *MIKE21 SW software will be used for baseline regional wave numerical modeling*
- *MIKE21 HD/ST software will be used for baseline circulation numerical modeling and sedimentation assessments.*
- *MIKE21 BW software will be used for baseline local wave numerical modeling*
- *The regional wave and tidal circulation models will be calibrated and validated using existing Acoustic Doppler Current Profiler (ADCP) data collected previously the City.*

**Task 12 – USACE Alternatives Evaluations & Analysis Phase (WIK):**

Task 12.1 – Future with Project Metocean Conditions and Assessment: HDR will revise the baseline regional spectral wave model for each alternative developed to assess changes in the nearshore wave environment due to the presence of each alternative. A single representative design condition will be used for the model scenario to compare wave energy entering the various harbor alternatives.

Task 12.2 – Analyze, Evaluate, and Compare Alternatives: HDR will support the USACE in analyzing, evaluating, and comparing up to ten (10) alternatives providing conceptual level input. Support will include conceptual-level design and rough order magnitude construction costs of Local Services Facilities (LSF) components of each alternative to support selection of a Tentatively Selected Plan (TSP).

Task 12.3 – Draft Engineering Report (IFR/EA appendix): HDR will document the following items in an Engineering Appendix for the Draft IFR/EA:

- 1) Baseline metocean conditions (Task 11)
- 2) Baseline coastal modeling setup (regional wave, local Boussinesq wave, and tidal circulation models), validation and calibration, and model results.
- 3) Revised spectral wave model setups and results per alternative
- 4) Conceptual descriptions, costs, and comparisons of LSF alternatives.

Task 12.4 – Public/Stakeholder Engagement Participation: HDR will participate in one (1) USACE-led public/stakeholder engagement meeting. HDR will provide text and graphics related to the coastal numerical modeling and/or LSF as needed for the USACE presentation.

<b>Task 12 Deliverables</b>	<b>Schedule</b>
Draft IFR/EA Engineering Appendix	Schedule will be determined by USACE Feasibility Study PM.

Task 12 Assumptions and Limitations:

- *Conceptual-level design of LSF includes general arrangements (approximate overall dimensions and geometry) of docks, conceptual layouts of mooring floats and vessel arrangements, conceptual layout of boat launches, conceptual layout of roadways and parking areas, and conceptual layouts of upland facilities and utilities. The conceptual-level design of LSF components is intended to meet the minimum requirements for to satisfy the purpose and need of the project and does not include owner-preferred components.*
- *Rough order magnitude costs of conceptual-level LSF components will be based on construction bid tabs of similar projects.*
- *Draft IFR/EA will be led and developed by the USACE. HDR will provide supplemental text for the body of the report and an engineering appendix.*
- *Selection of the TSP will be determined by the USACE.*
- *HDR's involvement with the public/stakeholder engagement meeting will be for information only.*

**Task 13 – USACE Feasibility Level Analysis Phase (WIK):**

Task 13.1 – Recommended Plan Revised Modeling: HDR will revise the coastal numerical modeling to assess the TSP that is carried forward as the Recommend Plan. Revised modeling will include:

- 1) **Regional Wave Modeling:** The regional wave model will be revised based on any adjustments made to the TSP harbor configuration during the Feasibility Level Analysis Phase. Model scenarios performed in Task 12 will be updated with the updated layout.
- 2) **Local Boussinesq Wave Modeling:** The local Boussinesq wave model will be revised based on any adjustment made to the TSP harbor configuration during the Feasibility Level Analysis. Additional Boussinesq wave modeling will be performed using a tsunami boundary condition to assess the response of the TSP harbor configuration to a tsunami.
- 3) **Tidal Circulation Modeling:** The tidal circulation model will be revised based on adjustments made to the TSP harbor configuration during the Feasibility Level Analysis Phase. Model scenarios performed in Task 12 will be updated with the updated layout.
- 4) **Sediment Conditions:** The tidal circulation model utilizing regional wave model output will be revised based on adjustments made to the TSP harbor configuration during the Feasibility Level Analysis Phase. Sediment transport results will be updated using the same model scenarios used in Task 12.

Task 13.2 – Advance Recommended Plan Detail: HDR will advance TSP by providing additional detail on the LSF components. HDR will develop LSF details to an approximate 5% level design for use in guiding the Preliminary Engineering and Design (PED) phase.

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Task 13.3 – Final Engineering Report (IFR/EA Appendix): HDR will update the Draft IFR/EA Engineering Appendix to a 100% final level to document any updates to the TSP during the Feasibility Level Analysis Phase and address one-round of USACE comments from the draft IFR/EA submittal. HDR will provide updates and additional text and graphics to the USACE to document the updates to the TSP during the Feasibility Level Analysis Phase.

Task 13.4 – Public/Stakeholder Engagement Participation: HDR will participate in one (1) USACE-led public/stakeholder engagement meeting. HDR will provide text and graphics related to the coastal numerical modeling and/or LSF of the TSP as needed for the USACE presentation.

<b>Task 13 Deliverables</b>	<b>Schedule</b>
Final IFR/EA Engineering Appendix	Schedule will be determined by USACE Feasibility Study PM.

Task 13 Assumptions and Limitations:

- *Final IFR/EA will be led and developed by the USACE. HDR will provide supplemental text for the body of the report and an engineering appendix.*
- *HDR's involvement with the public/stakeholder engagement meeting will be for information only*
- *Coastal modeling of TSP to assess tsunami performance and potential neighboring impacts is not included in this scope of work.*



## Conformed Detailed Scope of Work for Task Order #22-02 Amendment No. 1

The following provides a detailed breakdown of the **conformed** scope of work to execute **Phase 1: Approach Opportunities** as Owner's Representative. Additional language added modified through Amendment No. 1 is shown in **blue**.

**Task 1 – Define Project Charter and Detailed Project Needs:** HDR will facilitate a meeting with Homer Port and Harbor leadership and City leadership to establish an official charter that will be used as the basis for decisions moving forward with the Expansion Project. Since federal funding is anticipated for a significant portion of the Expansion Project, it is recommended USACE staff attend to provide input to the charter that helps align the goals of the project to meet the USACE mission. HDR will provide examples of other large project and program charters to provide guidance in the structure and definition required for a robust and thoughtful charter. Following development of the charter, HDR will work with Homer Port and Harbor leadership to define detailed project needs used to shape alternatives for accomplishing the goals of the project.

<b>Task 1 Deliverables</b>	<b>Schedule</b>
Charter, Purpose and Need Document	Within 2 weeks of Project Charter Meeting

**Task 1 Assumptions and Limitations:**

- *Project Charter meeting will be held in Homer, AK. HDR staff based in Alaska will travel to Homer. HDR staff based outside of Alaska will attend the meeting virtually.*
- *City will support HDR in identifying key City staff to attend the Project Charter meeting.*
- *City will facilitate the meeting space for the Project Charter meeting*

**Task 2 – Preliminary Stakeholder & Community Engagement Plan:** HDR will work with Homer Port and Harbor staff to develop a robust Stakeholder & Community Engagement Action Plan. Our staff will work with the City to outline the goal of the Action Plan, determine criteria for success, identify key stakeholders and known community issues, and detail documentation needs for stakeholder and community activities. This plan is intended to be a living document that is modified as the project advances to subsequent phases. Through this plan, HDR will help to manage stakeholder expectations, communication, and provide meaningful insight for the future steps in the process.

The bulk of the plan will focus on soliciting feedback from key project stakeholders, manage expectations, and outline an action plan to respond to input. Key feedback opportunities might include identifying major themes of project goals, communication of the City's project expectations and non-negotiables, anticipated impacts to the communities' residences and businesses, various scenario considerations and possible outcome(s), major concerns, potential challenges, impacts of the project to the overall community, and potential solutions for improving the CBR of the project.

<b>Task 2 Deliverables</b>	<b>Schedule</b>
Stakeholder and Community Engagement Action Plan (Living Document)	Within 8 weeks of Task 2 NTP

Task 2 Assumptions and Limitations:

- Stakeholder and community outreach will be conducted virtually.
- City will support HDR staff in identifying key community members and stakeholders.
- Stakeholder and Community Engagement Plan will be an initial version and will continually be modified as the Expansion Project advances
- Task 2 NTP requires completion of Task 1

**Task 3 – Desktop Feasibility Study:** A desktop feasibility study (separate document from the USACE General Investigation or USACE Feasibility Study) will be developed to document various aspects of the developing project. Specific components of the Desktop Feasibility Study include:

- a. Gathering Existing Background Information
- b. Review Existing Conceptual Engineering Studies/Designs
- c. Initial Risk and Fatal Flaws Assessment
- d. Conceptual Design and Conceptual-Level Opinion of Probable Construction Cost (Cost Estimates).

The purpose of the Desktop Feasibility Study is to provide a single document that gathers and summarizes previous work, assess risks and potential fatal flaws, and provides a visual understanding of the Expansion Project including costs. HDR will incorporate work already completed to reduce duplication. From this effort, a Risk Register will be developed that will act as a living document through the duration of the Expansion Project.

<b>Task 3 Deliverables</b>	<b>Schedule</b>
Risk Register (living document)	Within 12 weeks of Task 3 NTP
Desktop Feasibility Study	Within 12 weeks of Task 3 NTP
Concept Design Layout (attachment to study)	Within 12 weeks of Task 3 NTP
Conceptual-Level OPCC (attachment to study)	Within 12 weeks of Task 3 NTP

Task 3 Assumptions and Limitations:

- Risk Register will be an initial effort to identify and consider risk mitigation strategies. The document will continue to evolve with the project – adding, modifying, and retiring risks.
- Opinion of probable construction cost will be conceptual-level and developed using parametric approach (e.g., reviewing relevant recent bid items for similar work).
- Task 3 NTP requires completion of Task 1 and recommend to occur after completion or concurrently with Task 2.

**Task 4 – Regional Hub Influence Study:** Work on Task 4 – Regional Hub Influence Study will be performed upon written NTP authorization for this task from the City. An important aspect for the Expansion Project to stand out amongst other nationwide projects is the influence the port and harbor has on regional rural communities and Alaska Native Tribes and how an expansion of the port and harbor will positively influence these communities. Through review of vessel tracking information (automatic identification system [AIS] database), HDR will determine primary sailing destinations to and from Homer to identify the extent of Homer as a regional hub to rural, subsistence, and/or native communities and harbors. Based on this dataset, HDR will investigate primary commerce (e.g., bulk goods and materials, fishing, recreation, passenger transport, safety). Statistics on these movements will be assessed with the intent to be used as talking points for promoting the Expansion Project. Findings from the study will be documented in a Regional Hub Influence brief technical memorandum (less than 10 pages). A summary of the findings and talking points will be developed into a public facing placemat utilizing various infographics.

<b>Task 4 Deliverables</b>	<b>Schedule</b>
Regional Hub Influence Study Memo	Within 6 weeks of Task 4 NTP
Regional Hub Influence Placemat	Within 2 weeks of accepted Regional Hub Influence Study memo by City

Task 4 Assumptions and Limitations:

- AIS data will be provided by the City through Marine Exchange.

**Task 5 – Assistant Secretary of the Army Letters of Support:** Work on Task 5 – Assistant Secretary of the Army Letter of Support will be performed upon written NTP authorization for this task from the City.

Task 5.1 – Community Outreach with Regional Hub Community Leaders:

HDR will coordinate with Regional Hub communities and tribal leaders and perform workshops that begin by explaining the project purpose/value, then brainstorm ideas that focus on the potential positive impacts from the proposed Expansion Project, and ultimately conclude by requesting a signed letter of support. Ideas and community feedback from the workshops will be utilized to draft custom letters of support for each community (Task 5.2).

Task 5.2 – Draft Custom Regional Hub Support Letters:

HDR will draft letters of support from Regional Hub communities. Letters will be consistent in their messaging for promoting the Expansion Project and will be customized to that community based on information received during the interviews with the community leaders. HDR will provide the draft customized letters to the City of Homer for distribution to the community leaders with the intent the community leaders will then adopt the letters and send to the Assistant Secretary of the Army.

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Task 5.2 – Draft Joint Alaska Congressional Delegation Letter:

HDR will draft a joint letter of support from the Alaska Congressional Delegation (CODEL). The letter will be consistent in its messaging from those developed for the community leaders within the Regional Hub (Task 5.2). HDR will provide the draft joint letter to the City of Homer for distribution to the CODEL with the intent the CODEL will then adopt the letter and send to the Assistance Secretary of the Army.

<b>Task 5 Deliverables</b>	<b>Schedule</b>
Draft Regional Hub Support Letters	Within 8 weeks of NTP
Draft CODEL Support Letters	Within 8 weeks of NTP

Task 5 Assumptions and Limitations:

- *Travel to regional hub communities will be limited to five (5) communities.*
- *HDR does not guarantee Regional Hub support for the project nor their desire to submit letters to the Assistant Secretary of the Army.*
- *HDR does not guarantee CODEL support for the project nor their desire to submit letters to the Assistant Secretary of the Army.*
- *Task 5 NTP requires completion of Task 1, Task 2, Task 3, and Task 4.*

**Task 6 – USACE HQ In-Person Visit Support:** Work on Task 6 – USACE HQ In-Person Visit Support will be performed upon written NTP authorization for this task from the City.

On an as-needed basis, HDR staff that frequent USACE Headquarters and/or Congressional Offices will be available for conference/discuss with City of Homer staff that plan to travel to Washington, DC to promote the Expansion Project.

On an as-needed basis, up to two HDR staff, both Alaska-based and those that frequent USACE Headquarters and/or Congressional Offices will travel and accompany City of Homer staff to Washington DC and attend meetings to provide support and take notes.

Task 6 Assumptions and Limitations:

- *As-needed conferencing level of effort assuming three staff for up to 40 hours each.*
- *In-person visit to USACE Headquarters and/or Congressional Offices is limited to two trips and are assumed to be approximately one work in duration including travel.*
- *Task 6 NTP is recommended to occur shortly after Task 5 completion.*

**Task 7 – Interactive Project Website:** HDR will develop an interactive project website (similar to an online story map) to improve upon existing online project update page: <https://www.cityofhomer-ak.gov/port/large-vessel-harbor-expansion-project>. In addition to providing general updates on the project as is currently provided, the interactive webpage will walk through the history of the project, clearly outline key benefits of the project and focus on communities that will be positively impacted by the project, provide statistics determined through the Regional Hub Influence Study, and documentation such as letters of support, as well as provide clarity on local, state, and federal funding opportunities and status.

<b>Task 7 Deliverables</b>	<b>Schedule</b>
Interactive Project Website	Within 8 weeks of NTP

Task 7 Assumptions and Limitations:

- *HDR will host the interactive webpage and provide the domain for the URL.*
- *City will include the provided URL on their webpage for public viewing*
- *HDR will maintain the webpage for 12 months. Additional maintenance will be included in Phase 2 scoping.*
- *Section 508 compliance is limited to documents created by HDR and the City after NTP of Phase 1.*
- *Task 7 NTP requires completion of Task 1 and Task 3.*

**Task 8 – USACE Coordination:** Work on Task 8 – USACE Coordination will be performed upon written NTP authorization for this task from the City. HDR will attend the General Investigation kick-off meeting with the City of Homer, anticipated to be initiated and facilitated by USACE. Following the kick-off meeting, HDR will participate in status meetings between the USACE and the City of Homer. HDR will prepare Expansion Project materials to communicate and document the progress made by the City.

<b>Task 8 Deliverables</b>	<b>Schedule</b>
Monthly Meeting Summaries	Within 1 week of meeting occurrence

Task 8 Assumptions and Limitations:

- *General Investigation Kick-Off meeting will be facilitated by the USACE.*
- *USACE coordination meetings are assumed to be monthly with a duration of approximately 1 hour.*
- *USACE coordination is assumed to be 12 months in duration. Additional coordination will be included in Phase 2 scoping.*
- *USACE coordination pertinent to HDR's role in the Feasibility Study advancement will be conducted under Task 10.*

**Task 9 – Phase 2: Scope, Schedule, and Budget:** Upon a "Go" decision at the Phase 1 stage gate, HDR will develop a scope, schedule, and budget for Phase 2: Select Alternatives.

<b>Task 9 Deliverables</b>	<b>Schedule</b>
Phase 2 Detailed Fee Proposal	Within 1 week of Task 9 NTP

Task 9 Assumptions and Limitations:

- *Task 9 NTP requires a "Go" decision from the City of Homer governance to initiate Phase 2 of the project approach.*



**Task 10 – USACE PDT Meeting and Coordination (WIK)**: HDR will participate in USACE Project Development Team (PDT) weekly meetings. HDR will prepare supplemental meeting material as needed pertaining to the engineering work performed to communicate and document the progress made by the City.

**Task 10 Assumptions and Limitations:**

- *Meetings are assumed to be held virtually*
- *Meetings are assumed to be approximately 1 hour in duration and held weekly for a duration of 3 years.*
- *USACE will led meetings and develop official meeting summaries*

**Task 11 – USACE Scoping Phase (WIK)**: HDR will provide the following engineering-related work to support the Scoping Phase of the USACE Feasibility Study per the Planning Guidance Notebook (Engineer Regulation 1105-2-100).

**Task 11.1 – Planning Charette**: HDR will participated in the USACE-led Planning Charrette that occurs during the Scoping Phase of the USACE Feasibility Study. HDR will provide staff with expertise in coastal hydrodynamics, harbor design, and port planning.

**Task 11.2 – Baseline Metocean Conditions**: HDR will develop baseline meteorological and oceanic (metocean) conditions for the area of the proposed harbor expansion. Baseline metocean conditions will include:

- 6) Water level conditions. Baseline water level assessment will include future relative sea-level rise predictions based on USACE-published information and extreme water levels to include the 1% annual exceedance probability (AEP) and 10% AEP water levels based on National Oceanic and Atmospheric Administration (NOAA) published historical data.
- 7) Regional spectral wave modeling. Model domain will include Kachekmak Bay and an applicable portion of Cook Inlet to allow full wave development. Model scenarios will include multiple wind-wave directions applying an assigned 1%, 2%, and 5% annual exceedance percentage (AEP) per direction at varying water levels include Mean Lower Low Water (MLLW), Mean Sea Level (MSL), Mean Higher High Water (MHHW), 10% AEP, 1% AEP, and 1% AEP including 50 years of relative sea level rise (RSLR). The AEP values will be based on an extreme value analysis of regional wind speeds.
- 8) Local Boussinesq wave modeling. Model domain will include the Homer Spit terminus and existing harbor. Model scenarios will include the 1%, 2%, and 5% AEP wave conditions using a unit-wave modeling approach for multiple wind-wave directions at varying water levels include MLLW, MSL, MHHW, 10% AEP, 1% AEP, and 1% AEP with 50 years of RSLR.
- 9) Tidal circulation modeling. Tidal circulation model domain will incorporate Kachekmak Bay and detail the Homer Spit including the existing harbor. Model scenarios will include a typical Spring tide, typical Neap tide, and a 1% AEP storm surge using a representative storm surge hydrograph.

- 10) Sedimentation conditions of Homer Spit. Sedimentation conditions will be assessed based on a literature review of previous site-specific studies, review of USACE dredging quantities within the existing harbor entrance, and analysis of historical aerials.

**Task 11.3 – Formulate Alternative Plans and Initial Evaluation:** HDR will support the USACE PDT formulating conceptual-level alternatives and supporting initial evaluations.

<b>Task 11 Deliverables</b>	<b>Schedule</b>
Task 11 work will be documented in the Draft IFR/EA Engineering Appendix submitted under Task 12	N/A

Task 11 Assumptions and Limitations:

- *Planning charrette is assumed to be held in Homer, AK for a duration of three (3) days.*
- *Extreme water level assessment will utilize the National Oceanic and Atmospheric Administration (NOAA) station Seldovia 945550.*
- *MIKE21 SW software will be used for baseline regional wave numerical modeling*
- *MIKE21 HD/ST software will be used for baseline circulation numerical modeling and sedimentation assessments.*
- *MIKE21 BW software will be used for baseline local wave numerical modeling*
- *The regional wave and tidal circulation models will be calibrated and validated using existing Acoustic Doppler Current Profiler (ADCP) data collected previously the City.*

**Task 12 – USACE Alternatives Evaluations & Analysis Phase (WIK):**

Task 12.1 – Future with Project Metocean Conditions and Assessment: HDR will revise the baseline regional spectral wave model for each alternative developed to assess changes in the nearshore wave environment due to the presence of each alternative. A single representative design condition will be used for the model scenario to compare wave energy entering the various harbor alternatives.

Task 12.2 – Analyze, Evaluate, and Compare Alternatives: HDR will support the USACE in analyzing, evaluating, and comparing up to ten (10) alternatives providing conceptual level input. Support will include conceptual-level design and rough order magnitude construction costs of Local Services Facilities (LSF) components of each alternative to support selection of a Tentatively Selected Plan (TSP).

Task 12.3 – Draft Engineering Report (IFR/EA appendix): HDR will document the following items in an Engineering Appendix for the Draft IFR/EA:

- 5) Baseline metocean conditions (Task 11)
- 6) Baseline coastal modeling setup (regional wave, local Boussinesq wave, and tidal circulation models), validation and calibration, and model results.
- 7) Revised spectral wave model setups and results per alternative
- 8) Conceptual descriptions, costs, and comparisons of LSF alternatives.

Task 12.4 – Public/Stakeholder Engagement Participation: HDR will participate in one (1) USACE-led public/stakeholder engagement meeting. HDR will provide text and graphics related to the coastal numerical modeling and/or LSF as needed for the USACE presentation.

<b>Task 12 Deliverables</b>	<b>Schedule</b>
Draft IFR/EA Engineering Appendix	Schedule will be determined by USACE Feasibility Study PM.

Task 12 Assumptions and Limitations:

- *Conceptual-level design of LSF includes general arrangements (approximate overall dimensions and geometry) of docks, conceptual layouts of mooring floats and vessel arrangements, conceptual layout of boat launches, conceptual layout of roadways and parking areas, and conceptual layouts of upland facilities and utilities. The conceptual-level design of LSF components is intended to meet the minimum requirements for to satisfy the purpose and need of the project and does not include owner-preferred components.*
- *Rough order magnitude costs of conceptual-level LSF components will be based on construction bid tabs of similar projects.*
- *Draft IFR/EA will be led and developed by the USACE. HDR will provide supplemental text for the body of the report and an engineering appendix.*
- *Selection of the TSP will be determined by the USACE.*
- *HDR's involvement with the public/stakeholder engagement meeting will be for information only.*

**Task 13 – USACE Feasibility Level Analysis Phase (WIK):**

Task 13.1 – Recommended Plan Revised Modeling: HDR will revise the coastal numerical modeling to assess the TSP that is carried forward as the Recommend Plan. Revised modeling will include:

- 5) **Regional Wave Modeling:** The regional wave model will be revised based on any adjustments made to the TSP harbor configuration during the Feasibility Level Analysis Phase. Model scenarios performed in Task 12 will be updated with the updated layout.
- 6) **Local Boussinesq Wave Modeling:** The local Boussinesq wave model will be revised based on any adjustment made to the TSP harbor configuration during the Feasibility Level Analysis. Additional Boussinesq wave modeling will be performed using a tsunami boundary condition to assess the response of the TSP harbor configuration to a tsunami.
- 7) **Tidal Circulation Modeling:** The tidal circulation model will be revised based on adjustments made to the TSP harbor configuration during the Feasibility Level Analysis Phase. Model scenarios performed in Task 12 will be updated with the updated layout.
- 8) **Sediment Conditions:** The tidal circulation model utilizing regional wave model output will be revised based on adjustments made to the TSP harbor configuration during the Feasibility Level Analysis Phase. Sediment transport results will be updated using the same model scenarios used in Task 12.

Task 13.2 – Advance Recommended Plan Detail: HDR will advance TSP by providing additional detail on the LSF components. HDR will develop LSF details to an approximate 5% level design for use in guiding the Preliminary Engineering and Design (PED) phase.

Task 13.3 – Final Engineering Report (IFR/EA Appendix): HDR will update the Draft IFR/EA Engineering Appendix to a 100% final level to document any updates to the TSP during the Feasibility Level Analysis Phase and address one-round of USACE comments from the draft IFR/EA submittal. HDR will provide updates and additional text and graphics to the USACE to document the updates to the TSP during the Feasibility Level Analysis Phase.

Task 13.4 – Public/Stakeholder Engagement Participation: HDR will participate in one (1) USACE-led public/stakeholder engagement meeting. HDR will provide text and graphics related to the coastal numerical modeling and/or LSF of the TSP as needed for the USACE presentation.

<b>Task 13 Deliverables</b>	<b>Schedule</b>
Final IFR/EA Engineering Appendix	Schedule will be determined by USACE Feasibility Study PM.

Task 13 Assumptions and Limitations:

- *Final IFR/EA will be led and developed by the USACE. HDR will provide supplemental text for the body of the report and an engineering appendix.*
- *HDR's involvement with the public/stakeholder engagement meeting will be for information only*
- *Coastal modeling of TSP to assess tsunami performance and potential neighboring impacts is not included in this scope of work.*

**HDR Engineering, Inc.**  
**Harbor Expansion Owner's Rep**

**Time and Materials**

Harbor Expansion Owner's Rep		HDR Labor	Subs Total	OTHER DIRECT COSTS	TOTAL COSTS
Task					
10	USACE PDT Meetings and Coord (WIK)	\$54,163	\$0	\$0	\$54,163.20
11	USACE Scoping Phase (WIK)	\$136,552	\$0	\$6,820	\$143,371.81
12.4	Public/Stakeholder Engagement Participation	\$110,171	\$0	\$990	\$111,161.26
13	USACE Alternatives Evaluations & Analysis P	\$69,975	\$0	\$990	\$70,964.66
<b>Basic Services - Labor Hour Total</b>					
<b>BASIC SERVICES - TOTAL COSTS</b>		<b>\$370,861</b>	<b>\$0</b>	<b>\$8,800</b>	<b>\$379,660.93</b>

HDR Engineering, Inc.  
Harbor Expansion Owner's Rep

Time and Materials

Harbor Expansion Owner's Rep										OTHER			
		Project Manager	Senior Port Planner	Senior Port Engineer	Senior Coastal Modeler	Coastal EIT	Coastal EIT	Communications Coordinator	Senior Coastal Engineer	Hour Subtotal	Cost Subtotal	Equipment/field supplies	Airfare
Project Role	Employee	McPherson, Ronald L.	Thiessen, Douglas Arthur (Doug)	Proctor, Frank D Jr.	Keen, Adam S	Kent, Kristie Chandalar (KC)	Najjar, William Moussa (Will)	Rademacher, Alice Johanna Kay	Carter, Ruth Agnes				
2023 Rates		\$238.40	\$332.99	\$314.72	\$229.70	\$108.80	\$116.80	\$108.80	\$254.40				
									0	\$0			
10	USACE PDT Meetings and Coord (WIK)	156	0	0	0	156	0	0	0	312	\$54,163	\$0	\$0
10.1	PDT Meetings, Preparation, and Notes	156				156				312	\$54,163		
11	USACE Scoping Phase (WIK)	82	32	24	104	64	512	0	32	850	\$136,552	\$100	\$2,500
11.1	Planning Charrette	32	32			32			32	128	\$29,907		\$1,900
11.2	Baseline Meteorology Conditions												
11.2.1	Baseline Wave Modeling	8			72		320			400	\$55,821	\$100	\$600
11.2.2	Baseline Circulation Modeling	8			32		160			200	\$27,945		
11.2.3	Baseline Sediment Transport Conditions	8					32			40	\$5,645		
11.2.4	Baseline Water Level Conditions	2				32				34	\$3,958		
11.3	Formulate Alternative Plans and Initial Evaluation	24		24						48	\$13,275		
12	USACE Alternatives Evaluations & Analysis Phase (WIK)	84	0	44	4	320	300	4	20	776	\$110,171	\$0	\$600
12.1	Future w/ Project Meteorology Conditions and Assessment												
12.1.1	Future w/ Project Wave Modeling	16					240			256	\$31,846		
12.2	Analyze, Evaluate, and Compare Alternatives	40		40		220			16	316	\$50,131		
12.3	Draft Engineering Report (IFR/NEPA appendix)	24		4	4	100	60		4	196	\$26,805		
12.4	Public/Stakeholder Engagement Participation	4						4		8	\$1,389		\$600
13	USACE Alternatives Evaluations & Analysis Phase (WIK)	68	0	24	56	120	170	4	0	442	\$69,975	\$0	\$600
13.1	Recomm Plan Revised Modeling												
13.1.1	Recomm Plan Wave Modeling	16			24		90			130	\$19,839		
13.1.2	Recomm Plan Circulation Modeling	4			16		40			60	\$9,301		
13.1.3	Recomm Plan Sediment Transport Conditions	4			16		40			60	\$9,301		
13.2	Advance Recommend Plan Detail	24		24		80				128	\$21,979		
13.3	Final Engineering Report (IFR/NEPA Appendix)	16				40				56	\$8,166		
13.4	Public/Stakeholder Engagement Participation	4						4		8	\$1,389		\$600
*Rates based on multiplier with yearly escalation													
Basic Services - Labor Hour Total		390	32	92	164	660	982	8	52				
BASIC SERVICES - TOTAL COSTS		\$ 92,976.00	\$ 10,655.74	\$ 28,954.24	\$ 37,670.14	\$ 71,808.00	\$ 114,697.60	\$ 870.40	\$ 13,228.80	2380	\$370,861	\$100	\$3,700

**CITY OF HOMER  
HOMER, ALASKA**

City Manager

**ORDINANCE 22-64**

AN ORDINANCE OF THE CITY COUNCIL OF HOMER, ALASKA ACCEPTING AND APPROPRIATING AN FY2023 DESIGNATED LEGISLATIVE GRANT FROM THE STATE OF ALASKA FOR THE PURPOSE OF NEW LARGE VESSEL HARBOR MATCHING FUNDS FOR AN ARMY CORPS OF ENGINEERS GENERAL INVESTIGATION AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE APPROPRIATE DOCUMENTS.

WHEREAS, Homer's Port and Harbor facility is a regional transportation hub and significant economic driver; and

WHEREAS, Expanding the facility to include a purpose-built basin for large vessels has long been the top Legislative priority project in the City's Capital Improvement Plan as it fills the unmet moorage needs of the local and regional large vessel fleet, increases the resilience of Alaska's transportation system, supports the US Coast Guard and national security interests, promotes economic vitality across Alaskan industries and creates local living-wage jobs; and

WHEREAS; Planning for and developing the large vessel harbor involves cooperative efforts among the US Army Corps of Engineers, the State of Alaska and the City, and requires a Federal feasibility study (General Investigation) and project authorization; and

WHEREAS, The three-year General Investigation completes project planning including, but not limited to: design alternatives, economic impacts, public and stakeholder input, environmental review, permitting, construction methods and costs. The end result of the study is a Benefit Cost Ratio that may justify Federal authorization of and funding for construction; and

WHEREAS, The \$3,000,000 cost of the General Investigation is shared between the USACE (50%), the State of Alaska (25%) and the City of Homer (25%); and

WHEREAS, The City committed its share of matching funds in 2020 via City of Homer Ordinance 20-06 and Federal matching funds are anticipated through a FY23 Congressionally Designated Spending Request by Senator Lisa Murkowski which was approved by the Subcommittee on Energy and Water Development, and Related Agencies; and

WHEREAS, The City is pleased to have been awarded \$750,000 in State of Alaska matching funds through an FY2023 Designated Legislative Grant 23-DC-041.

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NOW, THEREFORE, THE CITY OF HOMER ORDAINS:

Section 1. The Homer City Council hereby accepts and appropriates an FY23 Designated Legislative Grant from the State of Alaska in the amount of \$750,000 as follows:

Revenue:

<u>Fund</u>	<u>Description</u>	<u>Amount</u>
415	Alaska Designated Legislative Grant 23-DC-041	\$750,000

Expenditure:


<u>Fund</u>	<u>Description</u>	<u>Amount</u>
415	Large Vessel Harbor Expansion General Investigation	\$750,000

Section 2. The City Manager is authorized to execute the appropriate documents.

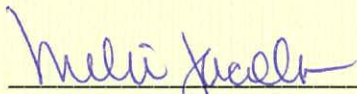
Section 3. This is a budget amendment ordinance, is temporary in nature, and shall not be codified.

ENACTED BY THE CITY COUNCIL OF HOMER, ALASKA, this 24<sup>th</sup> day of October, 2022.

CITY OF HOMER

  
\_\_\_\_\_  
KEN CASTNER, MAYOR

ATTEST:

  
\_\_\_\_\_  
MELISSA JACOBSEN, MMC, CITY CLERK

MELISSA JACOBSEN, MMC, CITY CLERK

YES: 5

NO: 0

ABSTAIN: 0

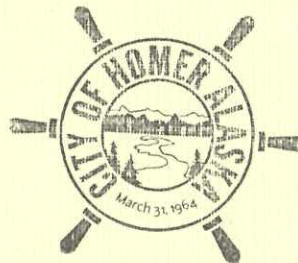
ABSENT: 1

Introduction: 9.20.22

Public Hearing: 10.24.22

Second Reading: 10.24.22

Effective Date: 10.25.22





**CITY OF HOMER  
HOMER, ALASKA**

City Manager

**ORDINANCE 23-01**

AN ORDINANCE OF THE CITY COUNCIL OF HOMER, ALASKA, RENEWING THE APPROPRIATION OF FUNDS IN THE AMOUNT OF \$750,000 FROM THE GENERAL FUND FUND BALANCE FOR THE PURPOSE OF REINITIATING AND CONDUCTING A U.S. ARMY CORPS OF ENGINEERS GENERAL INVESTIGATION STUDY FOR THE HOMER LARGE VESSEL PORT EXPANSION.

WHEREAS, The City Council has identified the Homer Large Vessel Port Expansion as its top priority Capital Improvement Project (CIP) for many years; and

WHEREAS, The project will require a total of \$3 million through a 50/50 state/local and federal match to proceed; and

WHEREAS, In 2020 the City Council approved Ordinance 20-06 which appropriated funds totaling \$750,000 towards a general investigation of the Large Vessel Port Expansion; and

WHEREAS, In 2022 the City successfully lobbied the State of Alaska to also appropriate \$750,000 via a designated legislative grant towards a general investigation of the Large Vessel Port Expansion which was accepted and appropriated by Ordinance 22-64; and

WHEREAS, Senator Murkowski has included first year funding for the General Investigation as a Congressional Designated Spending request which currently resides in the draft federal budget; and

WHEREAS, The City's appropriation is expiring and needs to be renewed to ensure the funds remain available as we expect the General Investigation to begin in calendar year 2023.

NOW, THEREFORE, THE CITY OF HOMER ORDAINS:

Section 1. The FY23 capital budget is hereby amended to renew the appropriation of \$750,000 from the general fund fund balance for the purpose of reinitiating and conducting an Army Corps of Engineers General Investigation Study for the Homer Large Vessel Port Expansion as follows:

<u>Fund</u>	<u>Description</u>	<u>Amount</u>
	U.S. ACE General	\$750,000

Investigation Study-  
Large Vessel Port Expansion

Section 2. This is a budget amendment ordinance and shall not be codified.

ENACTED BY THE CITY COUNCIL OF HOMER, ALASKA THIS 23<sup>rd</sup> day of January, 2023.

CITY OF HOMER

KEN CASTNER, MAYOR

ATTEST:

MELISSA JACOBSEN, MMC, CITY CLERK

YES: 5

NO: 0

ABSENT: 0

ABSTAIN: 1

First Reading: 1-24-23

Public Hearing: 1-23-23

Second Reading: 1-23-23

Effective Date: 1-24-23





43 result of the study will provide an end Benefit Cost Ratio that will justify federal funding for  
44 final construction; and

45  
46 WHEREAS, The purpose of this ordinance is to budget for the City's commitment for the  
47 cost of completing a General Investigation Study for the Homer CIP-listed Large Vessel Port  
48 Expansion, and thereby take the next step in building a port expansion that will address both  
49 the navigational safety concerns that come from current overcrowding as well as support  
50 emerging regional and national economic opportunities; and

51  
52 WHEREAS, It is appropriate that the City participate in funding the General Investigation  
53 study as the new Large Vessel Port will magnify our current Port and Harbor's vital  
54 contribution to the City of Homer's overall economic growth, health and welfare.

55  
56 NOW THEREFORE, THE CITY OF HOMER ORDAINS:

57  
58 Section 1: The FY 2020 Capital budget is hereby amended by appropriating funds in the  
59 amount of \$750,000.00 from the General Fund Fund Balance for the purpose of conducting a  
60 General Investigation Study in partnership with the U.S. Army Corps of Engineers and the  
61 Alaska Dept. of Transportation for the Homer Large Vessel Port Expansion, as follows:

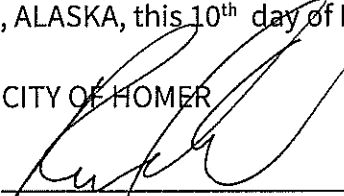
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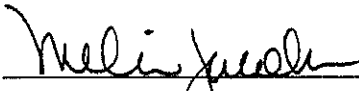
63 Account No.	64 Description:	65 Amount:
	66 U.S. ACE General 67 Investigation Study- 68 Large Vessel Port 69 Expansion	70 \$750,000.00

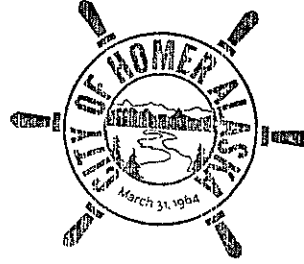
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72 Section 2: The Finance Department is directed to establish a project account for the  
73 Large Vessel Harbor to track all project related expenses.

74  
75 Section 3: This is a budget amendment ordinance and shall not be codified.

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77 ENACTED BY THE CITY COUNCIL OF HOMER, ALASKA, this 10<sup>th</sup> day of February, 2020.

78  
79 CITY OF HOMER  
  
80 RACHEL LORD, MAYOR PRO TEMPORE

81 ATTEST:  
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84 MELISSA JACOBSEN, MMC, CITY CLERK



85 YES: 5  
86 NO: 0  
87 ABSTAIN: 0  
88 ABSENT: 1  
89  
90 First Reading: 1-27-2020  
91 Public Hearing: 2-10-2020  
92 Second Reading: 2-10-2020  
93 Effective Date: 2-11-2020  
94  
95 Reviewed and approved as to form.  
96 Katie Koester  
97 Katie Koester  
98 Katie Koester, City Manager  
99  
100 Date: 2-28-20

\_\_\_\_\_  
Michael Gatti, City Attorney  
  
Date: \_\_\_\_\_