


**SUBJECT:** AN ORDINANCE AND RESOLUTION OF THE MATANUSKA-SUSITNA BOROUGH TO ACCEPT, APPROPRIATE AND AMEND THE BUDGET FOR ADDITIONAL DISASTER RELIEF FUNDS FOR THE PORT MACKENZIE FACILITIES FROM DAMAGES SUSTAINED DURING THE 2018 EARTHQUAKE.

**AGENDA OF:** May 3, 2022


**ASSEMBLY ACTION:**

*Adopted without objection 5-17-22*  


**MANAGER RECOMMENDATION:** Introduce and set for public hearing.

**APPROVED BY MICHAEL BROWN, BOROUGH MANAGER:**

*MB*

Route To:	Department/Individual	Initials	Remarks
	Originator	<i>MB</i>	
	Project Management Division Manager	Alex Senta <small>Digitally signed by Alex Senta Date: 2022.04.20 15:49:51 -0500</small>	
	Public Works Director	Terry Dolan <small>Digitally signed by Terry Dolan Date: 2022.04.20 15:49:51 -0500</small>	
	Finance Director	<i>KS</i>	
	Borough Attorney	<i>KS</i>	
	Borough Clerk	<i>AM 4/25/22</i>	

**ATTACHMENT(S):** Fiscal Note: YES X NO       
 Ordinance Serial No. 22-061 (2pp)  
 Resolution Serial No. 22-050 (2pp)  
 PW 206(2) Port Mackenzie Facilities (9pp)

**SUMMARY STATEMENT:** On November 30, 2018, the Matanuska-Susitna Borough sustained damages to infrastructure due to a magnitude 7.0 earthquake. A Borough, State and Federal Disaster Declaration was issued for the November 30, 2018 event. Allowed costs are eligible for 75% Federal (Federal Emergency Management Agency [FEMA]) and 25% State funding assistance (Division of Homeland Security and Emergency Management [DSH & EM]).

In August 2021, an award for \$196,924.00 was issued for repairs to the Port Mackenzie Terminal Building which included funding for

architectural and engineering costs to determine and design the required method of repair to the dock and lighting. In December 2021, an additional \$800,883.00 of FEMA funding was accepted and allocated to allow completion of the dock and lighting repairs through RS 21-129.

Additional funds of \$329,359.58 have been approved for cost overrun based on the lowest qualified bid received, which is higher than the original cost estimate and includes design, engineering, construction management and advertising costs. The overrun brings the total project estimated costs to \$1,327,116.58. There are no changes to the scope of work.

**RECOMMENDATION OF ADMINISTRATION:** Accept, appropriate and amend the budget for additional disaster relief funds for Port Mackenzie Facilities earthquake repairs, Project No. 55027-4400-4410, Port Mackenzie Facilities.

**MATANUSKA-SUSITNA BOROUGH  
FISCAL NOTE**

Agenda Date: 5/3/22

SUBJECT: AN ORDINANCE AND RESOLUTION OF THE MATANUSKA-SUSITNA BOROUGH TO ACCEPT, APPROPRIATE AND AMEND THE BUDGET FOR ADDITIONAL DISASTER RELIEF FUNDS FOR THE PORT MACKENZIE FACILITIES FROM DAMAGES SUSTAINED DURING THE 2018 EARTHQUAKE.

ORIGINATOR: Don Jourdian

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <u>(YES)</u> NO
AMOUNT REQUESTED <u>\$329,359.58</u>	FUNDING SOURCE <u>FEMA</u>
FROM ACCOUNT #	PROJECT
TO ACCOUNT: <u>445.000.000 BXX-XXX</u>	PROJECT # <u>55027</u>
VERIFIED BY: <u>[Signature]</u>	CERTIFIED BY:
DATE: <u>4-21-22</u>	DATE:

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL						
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds		<u>329.4</u>				
Other						
TOTAL		<u>329.4</u>				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY:

PHONE:

DEPARTMENT:

DATE:

APPROVED BY:

DATE:

Chapenne Skundt

4/21/2022





DEPARTMENT OF MILITARY AND VETERANS AFFAIRS  
DIVISION OF HOMELAND SECURITY  
AND EMERGENCY MANAGEMENT  
Obligating Award Document for  
Disaster - Public Assistance Presidentially Declared

FAIN: (Disaster Number) DR-4413-AK CFDA No. 97.036 Date of Disaster Declaration 01/31/2019

1. Project Worksheet # 0206(2)	2. Category G	3. UEI # QRK7LJ2Y3RJ1	4. Award <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Amendment Number 5	5. Employer Tax ID # 92-0030816
6. Subrecipient Name and Address Matanuska Susitna Borough 350 E Dahlia Avenue Palmer, AK 99645			7. Issuing Office and Address Department of Military and Veterans Affairs Division of Homeland Security and Emergency Management PO Box 5750 JBER, AK 99505-5750 <a href="http://www.ready.alaska.gov">http://www.ready.alaska.gov</a>	
8. PW Obligation Date 8/25/2021			Agency: Federal Emergency Management Agency (FEMA)	
9. Purpose of Award/Amendment: <b>Scope of Work Change (Cost Increase \$329,359.58)</b>				
10. Grant Award and Terms and Conditions: (see attached Grant Terms and Conditions) Total Approved Amount: \$ 1,327,116.58 Total Awarded Amount: \$ 1,327,116.58 Federal Share: \$ 995,337.44 State Share: \$ 331,779.14 Subrecipient Share: \$ 0.00 See attached: Approved PAGP Project Worksheet Grant Performance Period: 01/31/2019 through 07/31/2022				
11. Grant Requirements, Assurances and Agreements: (see attached Grant Requirements, Assurances and Agreements) The acceptance of a grant from the United States creates a legal duty on the part of the grantee to use the funds or property made available in accordance with the conditions of the grant. (GAO Accounting Principles and Standards for Federal Agencies, Chapter 2, Section 16.8[c]). Federal awarding agency is the Federal Emergency Management Agency (FEMA).				
12. Project Award Title: Port Mackenzie Facilities				
13. Recipient is required to sign and return one (1) copy of this document with the terms and conditions to the issuing address in Block 6, within 30 days from the date in Block 17.				
14. DHS&EM Project Manager  Printed Name of SPAO: Jenny Belanger			Phone: (907) 428-7036 Fax: (907) 428-7009 Email: jenny.belanger@alaska.gov	
15. Signature of Jurisdiction Project Manager  Printed Name: Casey Cook			Phone: (907) 861-8004 Fax: (907) 861-8014 Email: casey.cook@matsugov.us	
16. Signature of Jurisdiction Chief Financial Officer  Printed Name: Cheyenne Heindel			Phone: (907) 861-8630 Fax: (907) 861-8592 Email: cheyenne.heindel@matsugov.us	
17. Signature of Jurisdiction Signatory Official  Printed Name and Title: Michael Brown, Borough Manager			Date: Phone: (907) 861-8689 Fax: (907) 861-8669 Email: mike.brown@matsugov.us	
18. DHS&EM Signatory Official  William A. Dennis Alternate Governor's Authorized Representative			Date: 4-18-22 Phone: (907) 428-7000 Fax: (907) 428-7009 Email: bill.dennis@alaska.gov	

Turn over to complete instruction acknowledgement.

OR 22-061  
RS 22-050  
JM 22-115

## Grant Award Instructions

As a subrecipient, you are only entitled to costs that are eligible. All eligible work must conform to the Scope of Work as specified in the applicable Project Worksheet (PW). Do not assume all costs or changes will be allowed at project completion. Any change request must contain justification for the eligibility of additional costs or work.

All Emergency Work PWs (Category A and B: "Emergency Work") must be complete six months from the date of the Disaster Declaration. All Permanent Work PWs (Categories C-G, "Permanent Work") must be complete 18 months from the date of the Disaster Declaration. If more time is required, contact your Division Representative before the associated deadline to request a Time Extension. Ample justification is required for approval of any Time Extension Request.

Please carefully review the Damage Description and Dimensions, Scope of Work, and Cost Estimate. If you do not agree with the PW as written, or determinations regarding project eligibility, Scope of Work, time limits, funding, or other determinations, an appeal process is available. This process requires written correspondence identifying the action under appeal with an appropriate justification within 60 days of receipt of this Award. Please attach all pertinent documentation supporting your appeal and mail to:

Bryan J. Fisher, Director  
Division of Homeland Security  
and Emergency Management  
PO Box 5750  
JBER, AK 99505

Failure to follow these guidelines will jeopardize project funds and may impact future disaster assistance. Additional PWs pending approval will be transmitted in future correspondence. Please review all PWs and ask us about pending PWs to ensure all damaged sites or facilities are identified.

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As the Authorized Representative of the Matanuska Susitna Borough,  
I have reviewed these instructions and acknowledge our appeal rights and responsibilities under the  
Public Assistance Program.

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Printed Name and Title of Authorized Representative

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Signature

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Date

OR 22-061  
RS 22-050  
DM 22-115



<b>PA-10-AK-4413-PW-00206(2)</b> <u>P</u>	
Applicant Name:	Application Title:
MATANUSKA-SUSITNA BOROUGH	93846 - Port Mackenzie Facilities
Period of Performance Start:	Period of Performance End:
01-31-2019	07-31-2022

Bundle Reference # (Amendment #)	Date Awarded
PA-10-AK-4413-PW-00206(436)	08-25-2021

## Subgrant Application - FEMA Form 90-91

**Note:** The Effective Cost Share for this application is 79%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET						
DISASTER			PROJECT NO.	PA ID NO.	DATE	CATEGORY
FEMA	4413	- DR -AK	93846	170-006F3-00	01-10-2020	G
APPLICANT: MATANUSKA-SUSITNA BOROUGH					WORK COMPLETE AS OF: 01-10-2020 : 2 %	
Site 1 of 2						
DAMAGED FACILITY:				COUNTY: Matanuska-Susitna		
Damage #281715; Port MacKenzie Terminal Building						
LOCATION:					LATITUDE:	LONGITUDE:
PA-10-AK-4413-PW-00206(0): 28000 S. Don Young Rd. Wasilla AK 99654 PA-10-AK-4413-PW-00206(1): Version 1 no location change Current Version:					61.26761	-149.91815
DAMAGE DESCRIPTION AND DIMENSIONS:						
PA-10-AK-4413-PW-00206(0): The Disaster #4413DR, which occurred between 11/30/2018 and 11/30/2018, caused:						
Damage #281715; Port MacKenzie Terminal Building						
Damages observed during the inspection are as followed:						
General Facility Information:						
Facility Type: Building						
Building Type: Other: Not Listed						
Facility: Matanuska Sustina Borough "Port Terminal Building"						
Facility Description: Port Terminal Building, approximate 7000 square feet. Structural steel frame building with CMU block and sheetrock.						
Approx. Year Built: 2011						
Location Description: 28000 S. Don Young Rd. Wasilla AK 99654						
GPS Latitude/Longitude: 61.26761, -149.91815						
Number of Stories: 2						
General Damage Information:						
Date Damaged: 11/30/2018						
Cause of Damage: Earthquake						

OR 22-061  
RS 22-050  
IM 22-115

Building Damage:

Door:

Contents, Thresh hold 3 feet x 4 inch, 3 feet x 4 inch, Seismic movement from the earthquake caused the thresh hold to shift and jam., 0% work completed.

Pipe:

Building Interior, 1 each of Sprinkler Pipe, 4 inch , 4 inch diameter sprinkler system pipe leaking throughout various locations, due to seismic activity during/after earthquake, 0% work completed.

Wall:

Building Interior, Sheetrock 5/8 Hairline cracks throughout, 310 LF long, Seismic movement from the earthquake., 0% work completed.

Building Interior, Bathroom tile (re-grout), 128 LF long, Seismic movement from the earthquake, 0% work completed.

Window:

Building Exterior, 1 each of Window Thermopane vacuum seal , 3 FT wide x 3 FT high, Damaged due to seismic movement from the earthquake, 0% work completed.

PA-10-AK-4413-PW-00206(1):

\*\*\* Version 1 DDD \*\*\*

The Disaster #4413DR, which occurred between 11/30/2018 and 11/30/2018 , caused:

Damage #281715; Port MacKenzie Terminal Building

Damages observed during the inspection are as followed:

General Facility Information:

Facility Type: Building

Building Type: Other: Not Listed

Facility: Matanuska Sustina Borough "Port Terminal Building"

Facility Description: Port Terminal Building, approximate 7000 square feet. Structural steel frame building with CMU block and sheetrock.

Approx. Year Built: 2011

Location Description: 28000 S. Don Young Rd. Wasilla AK 99654

GPS Latitude/Longitude: 61.26761, -149.91815

Number of Stories: 2

General Damage Information:

Date Damaged: 11/30/2018

Cause of Damage: Earthquake

Building Damage:

Door:

Contents, Thresh hold 3 feet x 4 inch, 3 feet x 4 inch, Seismic movement from the earthquake caused the thresh hold to shift and jam., 0% work completed.

Pipe:

Building Interior, 1 each of Sprinkler Pipe, 4 inch , 4 inch diameter sprinkler system pipe leaking throughout various locations, due to seismic activity during/after earthquake, 0% work completed.

Wall:

Building Interior, Sheetrock 5/8 Hairline cracks throughout, 310 LF long, Seismic movement from the earthquake., 0% work completed.

Building Interior, Bathroom tile (re-grout), 128 LF long, Seismic movement from the earthquake, 0% work completed.

Window:

Building Exterior, 1 each of Window Thermopane vacuum seal , 3 FT wide x 3 FT high, Damaged due to seismic movement from the earthquake, 0% work completed.

Current Version:

SCOPE OF WORK:

OR 22-061  
RS 22-050  
DM 22-115

PA-10-AK-4413-PW-00206(0):  
281715 Port MacKenzie Terminal Building

Work to Be Completed

The applicant will utilize contract for repairs to the Port MacKenzie Terminal Building to restore facilities back to pre-disaster design, function and capacity. With in-kind repairs, within the right of way, and within the existing footprint.

Door:

- A. Repair (1) Jammed Threshold (3FTx4IN)

Pipe:

- A. Repair (1) Leaking Sprinkler Pipe (4inch Dia.)

Wall:

- A. Remove and replace 310 LF of Sheetrock Cracking
- B. Repair and re-grout 128 LF of Bathroom Tile

Window:

- A. Remove and replace (1) Cracked Thermopane Window

Work to Be Completed Total: \$57,700.00

Scope Notes:

1. All site estimates for work to be completed were generated using RS means. See attachment labeled: 93846 Cost Estimate - A&E.xlsx
  2. All equipment will be staged within the Applicant's ROW
  3. Disposal is expected to be deposited at an acceptable location (Landfill). Location will be provided by Applicant once work commences.
- PA-10-AK-4413-PW-00206(1):  
\*\*\* Version 1 SOW \*\*\*

281715 Port MacKenzie Terminal Building

===== VERSION 1 SOW =====

Work Completed

DOC: 2011

GPS: 61.26761, -149.91815

The applicant utilized contract for repairs to the Port Mackenzie Terminal Building to restore facilities, damaged by earthquake, back to pre-disaster design, capacity and function and capacity (in-kind) within the existing footprint.

Matanuska Susitna Borough

Door:

- A. Repaired (1) Jammed Threshold (3FTx4IN)

Pipe:

- A. Repaired (1) Leaking Sprinkler Pipe (4inch Dia.)

Wall:

- A. Removed and replaced 310 LF of Sheetrock Cracking
- B. Repaired and re-grouted 128 LF of Bathroom Tile

Window:

- A. Removed and replaced (1) Cracked Thermopane Window

Work Completed Total: \$57,723.00

Project Notes:

1. All costs for work completed have been validated. See document labeled ST 93846 Cost Summary.xlsx.
2. All procurement documents attached have been reviewed. See document labeled DR4413-AK-MaSuBorough-PW206-V1Request.pdf.
3. Disposal of work completed materials was deposited at Matanuska-Susitna Borough Central Landfill, 1201 N. 49th State Street, Palmer, AK 99645. GPS: 61.59185, -149.20841.
4. Applicant provided estimate for work to be completed has been validated using RSMeans and the costs have been found to be reasonable. See document labeled ST 93846 Cost Summary.xlsx.

OK 22-061  
RS 22-050  
JM 22-115



5. All work will be completed within the applicants ROW. If staging of equipment and materials would be needed, that work will be staged within the applicants ROW.

6. Disposal of work to be completed is expected to be deposited at an acceptable location (landfill). Location will be provided by applicant once work commences.

7. All borrow, or fill must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a sub recipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.

Current Version:

Site 2 of 2

DAMAGED FACILITY:

Damage #281716; Port MacKenzie Dock and Lighting

COUNTY: Matanuska-Susitna

LOCATION:

PA-10-AK-4413-PW-00206(0):  
28000 S. Don Young Rd. Wasilla AK 99654  
PA-10-AK-4413-PW-00206(1):  
Version 1 no location change

LATITUDE:  
61.26761

LONGITUDE:  
-149.91815

Current Version:

DAMAGE DESCRIPTION AND DIMENSIONS:

PA-10-AK-4413-PW-00206(0):  
Damage #281716; Port MacKenzie Dock and Lighting

Damages inspected are as follows:

General Facility Information:

Facility Type: Other

Facility: Matanuska Sustina Borough "Maritime Port Terminal"

Facility Description: McKenzie Maritime Port Terminal located in the Knik Arm Harbor, 3.5 miles NW from the city of Anchorage, Alaska. An approximate area of 14 acres. The facility also includes a port with a barge and vessel dock.

Approx. Year Built: 2011

Location Description: 28000 S. Don Young Rd. Wasilla AK 99654

GPS Latitude/Longitude: 61.26761, -149.91815

General Damage Information:

Date Damaged: 11/30/2018

Cause of Damage: Earthquake (9)

Facility Damage:

61.267530 -149.921193:

Lighting #7, 1 each of 150 feet high, high mast light 1000 watts 80 lbs, seismic movement from the earthquake caused damages per applicant, not functioning, 0% work completed.

61.268120, -149.91974:

Lighting#6, 1 each of 150 feet high, high mast light 1000 watts 80LB, seismic movement from the earthquake caused damages per applicant, not functioning, 0% work completed.

61.26990, -149.92029:

Lighting #1, 1 each of 150 feet high, high mast light 1000 watts 80 lbs, seismic movement from the earthquake caused the base from the concrete moved approximately one foot from the original location. The pole was tilted approximately 3 degrees to the north, 0% work completed.

Conveyor:

Foundation, Concrete Foundation, 8x0.92x1.08= .030 4x4x1=0.60 (0.90) CY, Top 11" section broke damages caused by the seismic movement from the earthquake, 0% work completed.

CR 22-061  
RS 22-058  
IM 22-115

Northside:

Fence, 1 each of Cyclone fence , 15 FT long x 8 FT high, Pole broke from fence and displacement caused by seismic movement from the earthquake, 0% work completed.

Northside (S) 61.269521 -149.918713 (E), (S)61.270004, -149.921241 (E):

Rip rap class 1, 275 CY of Floor settlement, 495 FT long x 5 FT wide x 3 FT high, seismic movement from the earthquake caused the damage, 0% work completed.

Northwest Barge 61.270011, -149.921.559, 61.271937, -149.922207 :

Rip Rap class 3, 1,018.6667 CY of floor settlement/subsided, 764 FT long x 6 FT wide x 6 FT high, seismic movement from the earthquake caused the damage, this specific area includes damages to the barge, 0% work completed.

Rip Rap class 1, 1,018.6667 CY of floor settlement/subsided, 764 FT long x 6 FT wide x 6 FT high, seismic movement from the earthquake caused the damage, this specific area includes damages to the barge, 0% work completed.

Southside Barg (S) 61.267494, -149.917469 (E) 61.267534, -149.921249:

Rip rap class one armor rock, 599.1111 CY of Borrow pit run floor settle subsided, 674 FT long x 8 FT wide x 3 FT high, Ground elevation subsidence caused by the seismic movement from the earthquake, 0% work completed.

Rip rap Class 3, 299.5556 CY of Floor settlement/ shifted, 674 FT long x 4 FT wide x 3 FT high, seismic movement from the earthquake caused the damages, 0% work completed.

PA-10-AK-4413-PW-00206(1):

\*\*\* Version 1 DDD \*\*\*

Damage #281716; Port MacKenzie Dock and Lighting

Damages inspected are as follows:

General Facility Information:

Facility Type: Other

Facility: Matanuska Sustina Borough "Maritime Port Terminal"

Facility Description: McKenzie Maritime Port Terminal located in the Knik Arm Harbor, 3.5 miles NW from the city of Anchorage, Alaska. An approximate area of 14 acres. The facility also includes a port with a barge and vessel dock.

Approx. Year Built: 2011

Location Description: 28000 S. Don Young Rd. Wasilla AK 99654

GPS Latitude/Longitude: 61.26761, -149.91815

General Damage Information:

Date Damaged: 11/30/2018

Cause of Damage: Earthquake (9)

Facility Damage:

61.267530 -149.921193:

Lighting #7, 1 each of 150 feet high, high mast light 1000 watts 80 lbs, seismic movement from the earthquake caused damages per applicant, not functioning, 0% work completed.

61.268120, -149.91974:

Lighting#6, 1 each of 150 feet high, high mast light 1000 watts 80LB, seismic movement from the earthquake caused damages per applicant, not functioning, 0% work completed.

61.26990, -149.92029:

Lighting #1, 1 each of 150 feet high, high mast light 1000 watts 80 lbs, seismic movement from the earthquake caused the base from the concrete moved approximately one foot from the original location. The pole was tilted approximately 3 degrees to the north , 0% work completed.

Conveyor:

Foundation, Concrete Foundation, 8x0.92x1.08= .030 4x4x1=0.60 (0.90) CY, Top 11" section broke damages caused by the seismic movement from the earthquake, 0% work completed.

Northside:

Fence, 1 each of Cyclone fence , 15 FT long x 8 FT high, Pole broke from fence and displacement caused by seismic movement from the earthquake, 0% work completed.

OR 22-061  
RS 22-050  
DM 22-115



Northside (S) 61.269521 -149.918713 (E), (S)61.270004, -149.921241 (E):

Rip rap class 1, 275 CY of Floor settlement, 495 FT long x 5 FT wide x 3 FT high, seismic movement from the earthquake caused the damage, 0% work completed.

Northwest Barge 61.270011, -149.921.559, 61.271937, -149.922207 :

Rip Rap class 3, 1,018.6667 CY of floor settlement/subsided, 764 FT long x 6 FT wide x 6 FT high, seismic movement from the earthquake caused the damage, this specific area includes damages to the barge, 0% work completed.

Rip Rap class 1, 1,018.6667 CY of floor settlement/subsided, 764 FT long x 6 FT wide x 6 FT high, seismic movement from the earthquake caused the damage, this specific area includes damages to the barge, 0% work completed.

Southside Barg (S) 61.267494, -149.917469 (E) 61.267534, -149.921249:

Rip rap class one armor rock, 599.1111 CY of Borrow pit run floor settle subsided, 674 FT long x 8 FT wide x 3 FT high, Ground elevation subsidence caused by the seismic movement from the earthquake, 0% work completed.

Rip rap Class 3, 299.5556 CY of Floor settlement/ shifted, 674 FT long x 4 FT wide x 3 FT high, seismic movement from the earthquake caused the damages, 0% work completed.

Current Version:

#### SCOPE OF WORK:

PA-10-AK-4413-PW-00206(0):  
281716 Port MacKenzie Dock and Lighting

#### Work to Be Completed

This damaged facility, Port MacKenzie Dock and Lighting, is being written for Version 0 to provide the Applicant with funding for Architect & Engineering (A&E) Service in order to determine a Method of Repair to restore the facility back to pre-disaster condition.

#### Facility Damage:

61.267530 -149.921193:

A. Repair (1) nonfunctioning 150 FT High Mast Light (Lighting #7)

61.268120, -149.91974:

A. Repair (1) nonfunctioning 150 FT High Mast Light (Lighting #6)

61.26990, -149.92029:

A. Repair (1) 150 FT High Mast Light and base (Lighting #1)

#### Conveyor:

A. Repair (1) Conveyor Concrete Foundation

#### Northside:

A. Remove and replace 15 LF of Cyclone Fence (8FT)

Northside (S) 61.269521 -149.918713 (E), (S)61.270004, -149.921241 (E):

A. Replace 275 CY of Class 1 Rip Rap due to floor settlement

Northwest Barge 61.270011, -149.921.559, 61.271937, -149.922207:

A. Replace 1,018.67 CY of Class 3 Rip Rap due to settlement

B. Replace 1,018.67 CY of Class 1 Rip Rap due to settlement

Southside Barg (S) 61.267494, -149.917469 (E) 61.267534, -149.921249:

A. Replace 599.11 CY of Class 1 Rip Rap due settlement

B. Replace 2999.56 CY of Class 3 Rip Rap due settlement

Work to Be Completed Total: \$422,306.08

Total Version 0 - A&E (Curve A - 18.2%): \$139,224.00

#### Scope Notes:

1. DI 281716 is written for Architect & Engineering (A&E) Costs only.

2. Version 0 of this projects DI 281716 is to provide the applicant with funding for Architect & Engineering (A&E) costs in order to determine and design the required method of repair (plus applicable codes and standards) to address the damages listed in the DDD and restore the facility back to pre-disaster design, function and capacity.

OR 22-061  
RS 22-080  
IM 22-115



3. FEMA will create a subsequent project version/amendment to approve and capture a required scope of work. Repair work must not be commenced without prior FEMA approval of the repair scope of work. The version approval will require a detail scope proposal, cost estimate, and justification to support the required method of repair.

4. If the Applicant's proposed method of repair includes changes to the facility's pre-disaster design or condition, then the Applicant must demonstrate that the proposed repair work is: (1) required to address damage caused by the declared disaster; (2) required to restore the facility's pre-disaster function; and (3) reasonable and consistent with the Applicant's general construction practices (see FEMA Public Assistance Program and Policy Guide (PAPPG) at pp. 19, 84-85).

5. The Architect & Engineering (A&E) Costs are based on site estimates for DI 281716 for Work to Be Completed and were generated using RS Means and CEF factors. See attachment labeled: 93846 Cost Estimate - A&E.xlsx

6. All equipment will be staged within the Applicant's ROW.

7. All borrow or fill material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.

PA-10-AK-4413-PW-00206(1):

\*\*\* Version 1 SOW \*\*\*

281716 Port MacKenzie Dock and Lighting

Work to be Completed

DOC: 2011

GPS: 61.26761, -149.91815

The applicant will utilize contract for repairs to the Port Mackenzie Dock and Lighting to restore facilities, damaged by earthquake, back to pre-disaster design, capacity and function and capacity (in-kind) within the existing footprint.

Matanuska Susitna Borough

Facility Damage:

61.267530 -149.921193:

A. Repair (1) nonfunctioning 150 FT High Mast Light (Lighting #7)

61.268120, -149.91974:

A. Repair (1) nonfunctioning 150 FT High Mast Light (Lighting #6)

61.26990, -149.92029:

A. Repair (1) 150 FT High Mast Light and base (Lighting #1)

Conveyor:

A. Repair (1) Conveyor Concrete Foundation

Northside:

A. Remove and replace 15 LF of Cyclone Fence (8FT)

Northside (S) 61.269521 -149.918713 (E), (S) 61.270004, -149.921241 (E):

A. Replace 275 CY of Class 1 Rip Rap due to floor settlement

Northwest Barge 61.270011, -149.921.559, 61.271937, -149.922207:

A. Replace 1,018.67 CY of Class 3 Rip Rap due to settlement

B. Replace 1,018.67 CY of Class 1 Rip Rap due to settlement

Southside Barg (S) 61.267494, -149.917469 (E) 61.267534, -149.921249:

A. Replace 599.11 CY of Class 1 Rip Rap due settlement

B. Replace 2999.56 CY of Class 3 Rip Rap due settlement

Work to be Completed Total: \$470,880.00

Current Version:

04/06/2022\*\*\*\*\*Version 2 of PW 206 \*\*\*\*\* (HS)

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Im 22-115

This PW version is being prepared for a cost overrun amount of \$329,359.58 based on the lowest qualified bid received during request for proposals. The cost overrun is due to the actual contractor bids being higher than the original cost estimate, and includes design and engineering, construction management, and advertising costs. The overrun brings the total project estimated cost to \$1,327,116.58. There are no changes to the scope of work for Site 1 or Site 2 included in this Version 2.

**Site 1**  
As of Version 1, additional funds were awarded based on the actual contract costs, and all work for Site 1 was completed by February 2021. Please see "DR4413-AK-MaSuBorough-PW206-V1Request.pdf" for information and invoices related to Site 1 repairs.

**Site 2**  
Version 1, Site 2 had an estimated cost of \$940,034.00. Version 2 estimates Site 2 repair costs at \$1,269,393.58, a difference of \$329,359.58. Work completed costs include \$148,130.00 in architecture and engineering (A&E)/construction management and \$673.58 in bid advertisement. The Matanuska-Susitna Borough (Subrecipient) competitively procured repairs and solicited an invitation to bid on January 26th, 2022. On-site visits were conducted on February 2nd, 2022, and sealed bids were due on February 14th, 2022. Two bids were received, but one was deemed non-responsive due to errors on the bid form. The Subrecipient reviewed the one responsive bid, selected, and awarded the contract to Tutka, LLC. in the amount of \$1,120,590.00. The procurement method report can be found in "DR4413 MSB PW 206 - SOW Change Request". Please see below for the project cost summary.

**Version 2 Work Completed:**  
Site 1: Port MacKenzie Terminal Building  
Contract: \$57,723.00 – Done with Version 1  
Site 2: Port MacKenzie Dock and Lighting  
Design and Engineering: \$148,130.00  
Bid Advertising: \$673.58  
**Version 2 Work To Be Completed:**  
Site 2: Port MacKenzie Dock and Lighting  
Contract w/ Mitigation: \$1,120,590.00  
Project Estimate: \$1,327,116.58

The State of Alaska's Department of Military and Veterans' Affairs Division of Homeland Security and Emergency Management (DHS & EM; Recipient) submitted the Subrecipient's request for an approval of the cost overrun of \$329,359.58, and it's support of this request for an increase in the overall project amount.

The project will be reimbursed at the approved federal share of actual, eligible costs. An additional PW version will be required when work is completed and all documentation has been submitted.

**Scope Notes:**

1. All equipment will be staged within the Applicant's ROW.
2. All borrow or fill material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. This information is not known at this time, but FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.

Does the Scope of Work change the pre-disaster conditions at the site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Special Considerations included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hazard Mitigation proposal included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Is there insurance coverage on this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PROJECT COST					
ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Work To Be Completed			
1	3510	Engineering And Design Services	1/LS	\$ 139,224.00	\$ 139,224.00
2	9001	Contract	1/LS	\$ 57,700.00	\$ 57,700.00
		*** Version 1 ***			
		Work Completed			
3	9001	Contract	1/LS	\$ 57,723.00	\$ 57,723.00
		Work To Be Completed			
4	3510	Engineering And Design Services	1/LS	\$ -139,224.00	\$ -139,224.00
5	9001	Contract	1/LS	\$ -57,700.00	\$ -57,700.00

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6	9001	Contract	1/LS	\$ 470,880.00	\$ 470,880.00
		*** Version 2 ***			
		Other			
7	3510	Engineering And Design Services	1/LS	\$ 148,130.00	\$ 148,130.00
8	9001	Contract	1/LS	\$ 181,229.58	\$ 181,229.58
9	0909	Hazard Mitigation Proposal	1/LS	\$ 469,154.00	\$ 469,154.00
				<b>TOTAL COST</b>	\$ 1,327,116.58
PREPARED BY LAUREN E FROST		TITLE PDMG	SIGNATURE		
APPLICANT REP. Casey Cook		TITLE Emergency Manager	SIGNATURE		

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