ENGINEERING DEPARTMENT

ADDENDUM TO THE CONTRACT

for the

Douglas Harbor Renovation

Contract No. DH16-001

ADDENDUM NO.: **TWO**

CURRENT DEADLINE FOR BIDS:
February 17, 2016

PREVIOUS ADDENDA: **ONE**

ISSUED BY:

City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

PREVIOUS DEADLINE FOR BIDS:
February 11, 2016

DATE ADDENDUM ISSUED: **February 5, 2016**

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at:
http://www.juneau.org/engineering_ftp/contracts/Contracts.php

QUESTIONS AND ANSWERS:

Question: "*Will this project include a Project Labor Agreement?*"

Answer: A PLA will not apply to this project.

Question: *"When do you plan to make award of the project?"*

Answer: The Assembly will make the decision to award the project at the February 29, 2016 meeting.

Question: *"There is a difference on water system heat trace locations between the one line sheet E2.05 (upper right hand corner) and water system plan sheet 8.01?"*

Answer: See Item 24 in this Addendum.

Question: *"I do not see a specification section on the heat trace requirements. Please provide specification."*

Answer: See Item 26 in this Addendum.

Question: *"Plan sheet E3.04 details 1 and 4 indicate the meter 90° from the receptacle access and specification section 16475 2.1 A 2 allows Marina Electrical Equipment as a manufacturer. MEE's standard pedestal has the meter and receptacle access on the same side. The reason for this is they utilize a swing down panel for accessing the receptacles and having the access panel on the same side of the meter allows the enclosure to have a smaller footprint. We've examined a sample of the MEE standard pedestal and in our opinion the swing down access provide excellent access to the receptacles. MEE can custom manufacture the pedestal as shown but being able to use their standard pedestal would result in cost saving to the owner. Would having the meter and receptacle on the same side be acceptable to the owner?"*

Answer: MEE's standard pedestal would require reconfiguration of the design to meet code requirements. CBJ/Docks and Harbors would not accept the standard pedestal.

Question: *"Is there a geotechnical report available for the project? We would like to see the report to evaluate the soil conditions for pile driving and the pre-drilled pile sockets."*

Answer: See Item 7 in this Addendum.

Question: *"Can the Engineer identify which piles will potentially require pre-drilling?"*

Answer: See Item 11 in this Addendum.

Question: *"Plan sheet 5.02 identifies the geotechnical conditions as "Dense to Very Dense Silt, Sand & Gravel (Glacial Till)" and the specifications (page 02896-4) describe the material as "very dense soil conditions (glacial till) or bedrock" for the pile socketing. Please clarify the soil material the piles are to be socketed into. Is it bedrock or glacial till?"*

Answer: See Item 15 in this Addendum.

Question: "*For bid item 2896.1 the bid quantity is 33 each. On plan sheet 5.02 only 24 each – 12" diameter piles are identified. Please clarify the quantity discrepancy or provide information on the location and lengths of the additional piles?"*

Answer: A new bid schedule is provided with this Addendum. The quantity for bid item 2896.1 is changed to 24.

Question: *"On sheet E2.05, at Float B Switchboard shows a symbol GFR, for ground fault relay. Please specify the GFR as the cost implications are considerable."*

Answer: See Item 25 in this Addendum.

PROJECT MANUAL:

Item No. 1 SECTION 00030 - NOTICE INVITING BIDS. DEADLINE FOR BIDS.

Change the date of the Deadline for Bids ***from*** February 11, 2016, ***to*** February 17, 2016. The time remains the same.

Item No. 2 SECTION 00100 – INSTRUCTIONS TO BIDDERS, Article 6.0 BIDDER'S EXAMINATION OF THE CONTRACT DOCUMENTS AND SITE, Paragraph A. ***Add*** the following paragraph:

5. To submit in writing to the OWNER any questions requiring clarification no later than 2:00 p.m. Alaska Time on February 12, 2016.

Item No. 3 SECTION 00100 – INSTRUCTIONS TO BIDDERS, Article 15.0 BID MODIFICATIONS AND UNAUTHORIZED ALTERNATIVE BIDS, ***Delete,*** the Bid Modification Form at the end of the Section and ***replace*** with the attached Bid Modification Form, labeled Addendum No. 2, dated February 5, 2016.

Item No. 4 SECTION 00100 – INSTRUCTIONS TO BIDDERS, Article 17.0 AWARD OF CONTRACT, ***Delete,*** Paragraph C. and ***replace*** with the following:

C. Low Bidder will be determined on the basis of the lowest total of the Base Bid plus combinations of Alternates if funding allows, as selected by the Selection Committee through the process described below.

1. Prior to the Deadline for Bids, a Selection Committee will be appointed by the Owner.
2. The Selection Committee will be sequestered in a conference room apart from the bid opening room at the time of bid opening.
3. The Docks and Harbors Staff will open bids. A bid summary sheet will be compiled without bidder identification, so that the Selection Committee will have no knowledge of which bids were made by which bidders.
4. The bid summary sheet will be delivered to the Selection Committee by the Engineering Contract Administrator.
5. The Selection Committee will choose the low bid comprised of the Base Bid and those Alternates deemed to be in the best interest of the project and within the approved construction budget. For award purposes, the CBJ will add any Alternate to the Total Base Bid Amount in Section 00310 – Bid Schedule.
6. The Selection Committee will identify in order from low to high the bids received for the project and the results will be posted.

Item No. 5 SECTION 00310 – BID SCHEDULE: ***Replace*** BID SCHEDULE in its entirety with the ATTACHED BID SCHEDULE labeled "Addendum No. 2, dated February 5, 2016".

Item No. 6 SECTION 00800 – SUPPLEMENTARY GENERAL CONDITIONS, ***Delete*** Article SGC 3.2 ORDER OF PRECEDENCE OF THE CONTRACT DOCUMENTS in its entirety.

Item No. 7 SECTION 00800 – SUPPLEMENTARY GENERAL CONDITIONS, Article SGC 4.2 PHYSICAL CONDITIONS – SUBSURFACE AND EXISTING STRUCTURES ***Add*** the following to paragraph C.

No project specific geotechnical investigation was performed for this project. The OWNER & ENGINEER reviewed Geotechnical Reports prepared for adjacent projects in preparing the Plans. The referenced Geotechnical Reports are available from the OWNER. Provided at:
ftp://ftp.ci.juneau.ak.us/pub/CBJ_Bid_Documents/

C.

1. USACE - REPORT OF FOUNDATIONS AND MATERIALS INVESTIGATIONS, DOUGLAS SMALL BOAT BASIN, 21 MARCH 1961

2. USACE – GEOTECHNICAL FINDINGS REPORT, DOUGLAS SMALL BOAT HARBOR, JANUARY 2005

3. PND – GEOTECHNICAL REPORT, DOUGLAS HARBOR UPLANDS AND MOORAGE EXPANSION, JULY 2000

Item No. 8 SECTION 01010 – SUMMARY OF WORK, Article 1.6 WORK By Others. ***Add*** the following paragraph:

C. It is anticipated that another contractor will be on site in March 2017, to perform a bathymetric survey of the harbor bottom as a follow-up to the recent dredge work performed under contract to the Army Corps of Engineers. The CONTRACTOR shall coordinate with the ACOE contractor this work to accommodate the scheduling of this work. The ACOE contractor is Western Marine Construction, Inc.

Item No. 9 SECTION 01010 – SUMMARY OF WORK, Article 1.7 CONTRACTOR USE OF PROJECT SITE. ***Add*** the following paragraph:

F. The CONTRACTOR shall take precautions while performing the WORK to not disturb the sand cap recently placed on the floor of Douglas Harbor by the Army Corps of Engineers.

Item No. 10 SECTION 02601 – WATER SYSTEM, Article 1.1 DESCRIPTION, ***Add*** the following paragraph.

C. Demolition, salvage and disposal required to facilitate the water system work in the uplands or on the float system as shown in the Plans, described herein or as directed by the ENGINEER shall be considered incidental to Section 02601 Pay Items and shall not be measured directly for payment.

1. Demolition, and disposal or salvage of the existing water vault and components therein as shown in the Plans or as directed by the ENGINEER shall be considered incidental to Pay Item No. 02601.2- Domestic Water System - Upland Work, Meter Enclosure and Components and shall not be measured directly for payment.

Item No. 11 SECTION 02896 – STEEL PIPE PILES, Article 1.1 DESCRIPTION, ***Add*** the following sentence to the end of Paragraph B.

"Specific piles shall be identified in the field by the ENGINEER based upon initial pile driving records."

PLANS:

Item No. 12 DRAWING SHEET 1.05: BASE BID, GENERAL SITE PLAN. ***Change*** Annotation ***From*** "20'x40' GANGWAY LANDING FLOAT w/ UTILITY BUILDING" ***To*** "20'x42' GANGWAY LANDING FLOAT w/ UTILITY BUILDING"

Item No. 13 DRAWING SHEET 2.02: ADD. ALT. A RETAINING WALL SECTION, FENCE POST BRACKET DETAIL, ***Change*** bracket width dimension from "7 inches" to read "width as required to provide tight fit to top of precast concrete barrier".

Item No. 14 DRAWING SHEET 3.01: ADD. ALT. B – UPLANDS SITE PLAN. DETAIL – TYPICAL SECTION ***Change*** Annotation ***From*** "CRIB WALL TIMBER LOG TIE-BACK" ***To*** "CRIB WALL TIMBER LOG TIE-BACK, QUANTITY UNKNOWN. DEMOLISH ALL AS REQUIRED"

Item No. 15 DRAWING SHEET 5.02: FLOAT PILE SCHEDULE AND DETAILS. DETAIL – TYPICAL PILE DETAIL – STANDARD INSTALLATION ***Change*** Annotation ***From*** "PRE-DRILLED PILE SOCKET IN DENSE TO VERY DENSE TILL CONDITIONS" ***To*** "PRE-DRILLED PILE SOCKET IN DENSE TO VERY DENSE TILL AND BEDROCK CONDITIONS"

Item No. 16 DRAWING SHEET 6.10: BALLAST TANK AND FLOTATION TUB DETAILS. DETAIL – FINGER BILLET ***Change*** Annotation ***From*** "3' LONG COATED POLYSTYRENE RESERVE FLOTATION BILLET, TYP. AT 1'-4" CL SILL SPACING." ***To*** "COATED POLYSTYRENE RESERVE FLOTATION BILLET, SEE TABLE FOR LENGTH"

Item No. 17 DRAWING SHEET 6.11: FLOTATION BILLET DETAILS. DETAIL – RESERVE BILLET – PLAN ***Change*** Note ***From*** "PLACE RESERVE BILLETS ON TOP OF EVERY 4x4 FLOTATION TUB" ***To*** "PLACE RESERVE BILLETS ON TOP OF EVERY 4x4 FLOTATION TUB ON 10FT AND 12FT MODULES"

Item No. 18 DRAWING SHEET 6.14: MISCELLANEOUS FLOAT MODULE DETAILS. DETAIL – SECTION B-B ***Change*** Annotation ***From*** "L 4"x5" END ANGLE" ***To*** "L 5"x3-1/2" END ANGLE"

Item No. 19 DRAWING SHEET 6.14: MISCELLANEOUS FLOAT MODULE DETAILS. DETAIL – SECTION B-B ***Change*** Annotation ***From*** "L 3"x4" BASE ANGLE" ***To*** "L 3-1/2"x3" BASE ANGLE"

Item No. 20 DRAWING SHEET 6.15: MISCELLANEOUS FLOAT MODULE DETAILS. DETAIL – TRANSITION PLATE – TYPICAL SECTION ***Add*** Note "FURNISH TRANSITION PLATE IN 3'-0" LENGTHS AS SHOWN ON HEADWALK DETAILED FLOAT PLAN. FASTEN TRANSITION PLATE TO FLOAT USING ¼" DIA. x 4" LONG 316 S.S. FLATHEAD PHILLIPS WOOD SCREWS AT 6" ON CENTER"

Item No. 21 DRAWING SHEET 6.21: LIGHT POLE AND ELECTRICAL SUPPORT DETAILS. DETAIL – CABLE TRAY SUPPORT. ***Add*** Annotation "1/4" THICK SIDE PLATE, TYP."

Item No. 22 DRAWING SHEET E2.02: NEW PLAN-POWER. ***Add*** Note 1 with "Heated Upland Water Valve Box" as follows: "1. PROVIDE TWO 120 VOLT HEATERS, SAFE-T-COVER, MODEL HCH 2000 WITH THERMOSTATS. MOUNT THE HEATERS TO THE CONCRETE SLAB AND THE THERMOSTATS MOUNTED TO THE WATER PIPE IN ACCORDANCE TO THE MANUFACTURER'S INSTRUCTIONS."

Item No. 23 DRAWING SHEET E2.04B: ENLARGED HEADWALK & C FLOAT PLANS – POWER (ALT B). DETAIL - HEADWALK FLOAT ENLARGED PLAN – POWER (ALT B). ***Modify*** the water pedestal, heat trace box locations on the Headwalk to match those illustrated on E2.04.

Item No. 24 DRAWING SHEET E2.05: SINGLE LINE DIAGRAMS. DETAIL 1 - SINGLE LINE DIAGRAM – NEW. ***Add*** one water pedestal to those shown on the Float A circuit, and ***Add*** one water pedestal to those shown on the Float B circuit.

Item No. 25 DRAWING SHEET E2.05: SINGLE LINE DIAGRAMS. DETAIL 1 - SINGLE LINE DIAGRAM – NEW, ***Add*** Note 3 as follows: "Provide a ground fault relay (GFR) with monitoring inputs and trip outputs for each individual feeder. Each feeder shall be monitored and tripped separately from the others. Basis of Design: Bender Marine Guard Series Model MG-TC."

Item No. 26 DRAWING SHEET E2.07: ELECTRONICAL DETAILS. DETAIL – HEAT TRACE J-BOX STAND (TYP). ***Add*** Note 4 as follows: "4. PROVIDE "ARCTIC TRACE" HEAT TRACE RATED AT 5 WATTS/FOOT WITH FITTINGS."

Item No. 27 DRAWING SHEET E3.01: ENLARGED A & B FLOAT PLANS – LIGHTING. DETAIL 1 – A FLOAT ENLARGED PLAN – LIGHTING. ***Add*** notation to the pole mounted on the Headwalk indicating a Type C.

By: _____
Greg Smith,
Contract Administrator

Total number of pages contained within this Addendum: 10

BASE BID – DOUGLAS HARBOR RENOVATION

Pay Item No.	Pay Item Description	Pay Unit	Approximate Quantity	Unit Price		Amount	
				Dollars	Cents	Dollars	Cents
1505.1	Mobilization	LS	All Reqd	LUMP	SUM	$	
2601.1	Domestic Water System - Float Bound System and Appurtenances	LS	All Reqd	LUMP	SUM	$	
2601.2	Domestic Water System - Upland Work, Meter Enclosure and Components	LS	All Reqd	LUMP	SUM	$	
2601.3	Replace Expansion Joints on Existing Water & Fire Lines	EA	20			$	
2611.1	Fire Suppression System	LS	All Reqd	LUMP	SUM	$	
2611.2	Clean and Repaint Fire Hydrant, Install Storz Connector	EA	2			$	
2702.1	Construction Surveying	LS	All Reqd	LUMP	SUM	$	
2707.1	Snow Fence	LF	35			$	
2718.1	Signage	LS	All Reqd	LUMP	SUM	$	
2894.1	Refurbish and Install Owner Provided Transition Bridge	LS	All Reqd	LUMP	SUM	$	
2895.1	Gangway Landing Float, 20' x 42'	LS	All Reqd	LUMP	SUM	$	
2895.2	Headwalk Float, 12' x 300'	LS	All Reqd	LUMP	SUM	$	
2895.3	Mainwalk Float A, 10' x 304'	LS	All Reqd	LUMP	SUM	$	
2895.4	Mainwalk Float B, 10' x 280'	LS	All Reqd	LUMP	SUM	$	
2895.5	Mainwalk Float C, 10' x 292'	LS	All Reqd	LUMP	SUM	$	
2895.6	Tee Float, 12' x 76'	LS	All Reqd	LUMP	SUM	$	
2895.7	Finger Float, 6' x 42'	EA	6			$	
2895.8	Finger Float, 4' x 32'	EA	14			$	
2895.9	Finger Float, 3' x 24'	EA	24			$	
2896.1	Steel Mooring Pile, 12.75" dia. x 0.500" thick	EA	24			$	
2896.2	Steel Mooring Pile, 16" dia. x 0.500" thick	EA	18			$	
2896.3	Contingent Work - Pile Socket	CEA	15			$	
2896.4	Contingent Work - Drill Equipment Mobilization	CS	All Reqd	CONT	SUM	$	
2897.1	Supply Flotation Billet, Type I	EA	40			$	
2897.2	Supply Flotation Billet, Type II	EA	20			$	
2897.3	Install Flotation Billet	EA	60			$	
2899.1	Life Ring and Base	EA	12			$	

BASE BID – DOUGLAS HARBOR RENOVATION

Pay Item No.	Pay Item Description	Pay Unit	Approximate Quantity	Unit Price		Amount	
				Dollars	Cents	Dollars	Cents
2899.2	Fire Extinguisher and Base	EA	12			$	
2899.3	Hose Mount and Base	EA	13			$	
13121.1	Utility Building	LS	All Reqd	LUMP	SUM	$	
16000.1	Electrical System	LS	All Reqd	LUMP	SUM	$	
16000.2	Spare Electrical Equipment	LS	All Reqd	LUMP	SUM	$	
16052.1	Electrical Support Assemblies	LS	All Reqd	LUMP	SUM	$	

TOTAL BASE BID AMOUNT IN FIGURES: $ _____

TOTAL BASE BID AMOUNT IN WORDS: _____

_____

BIDDER NAME: _____

ADDITIVE ALTERNATE A – TIMBER RETAINING WALL AND GANGWAY

Pay Item No.	Pay Item Description	Pay Unit	Approximate Quantity	Unit Price		Amount	
				Dollars	Cents	Dollars	Cents
1505.1A	Mobilization	LS	All Reqd	LUMP	SUM	$	
2060.1A	Demolition & Disposal	LS	All Reqd	LUMP	SUM	$	
2202.1A	Excavation	CY	1200			$	
2202.2A	Class A Shot Rock Borrow	CY	3000			$	
2202.3A	Class B Shot Rock Borrow	CY	3000			$	
2204.1A	Base Course, Grading C-1	CY	250			$	
2205.1A	Class II Armor Rock	CY	1500			$	
2501.1A	18-Inch Storm Drain Pipe	LF	130			$	
2502.1A	Storm Drain Manhole, Type I	EA	2			$	
2702.1A	Construction Surveying	LS	All Reqd	LUMP	SUM	$	
2714.1A	Geotextile Fabric	SY	2000			$	
2718.1A	Signage	LS	All Reqd	LUMP	SUM	$	
2726.1A	Timber Faced Geotextile Retaining Wall	LS	All Reqd	LUMP	SUM	$	
2729.1A	Jersey Barrier & Fence	LF	150			$	
2894.2A	Refurbish & Install Owner Provided Gangway	LS	All Reqd	LUMP	SUM	$	
3301.1A	Concrete Area Drain	EA	2			$	
3305.1A	Concrete Gangway Abutment	LS	All Reqd	LUMP	SUM	$	
16000.1A	Electrical System	LS	All Reqd	LUMP	SUM	$	

TOTAL ADDITIVE ALTERNATE A AMOUNT IN FIGURES: $ _____

TOTAL ADDITIVE ALTERNATE A AMOUNT IN WORDS: _____

_____

BIDDER NAME: _____

ADDITIVE ALTERNATE B – PILE SUPPORTED APPROACH DOCK AND GANGWAY

Pay Item No.	Pay Item Description	Pay Unit	Approximate Quantity	Unit Price		Amount	
				Dollars	Cents	Dollars	Cents
1505.1B	Mobilization	LS	All Reqd	LUMP	SUM	$	
2060.1B	Demolition & Disposal	LS	All Reqd	LUMP	SUM	$	
2202.1B	Excavation	CY	180			$	
2202.2B	Class A Shot Rock Borrow	CY	65			$	
2202.3B	Class B Shot Rock Borrow	CY	115			$	
2204.1B	Base Course Grading C-1	CY	35			$	
2205.1B	Class II Armor Rock	CY	140			$	
2702.1B	Construction Surveying	LS	All Reqd	LUMP	SUM	$	
2714.1B	Geotextile Fabric	SY	250			$	
2718.1B	Signage	LS	All Reqd	LUMP	SUM	$	
2892.1B	16' x 57' Approach Dock	LS	All Reqd	LUMP	SUM	$	
2894.2B	Refurbish & Install Owner Provided Gangway	LS	All Reqd	LUMP	SUM	$	
2896.5B	Approach Dock Support Pile, 16" dia. x 0.500" thick	EA	6			$	
2896.6B	Approach Dock Batter Pile with Chute	LS	All Reqd	LUMP	SUM	$	
3305.1B	Concrete Approach Dock Abutment	LS	All Reqd	LUMP	SUM	$	
3305.2B	Removable Bollard	EA	2			$	
16000.1B	Electrical System	LS	All Reqd	LUMP	SUM	$	

TOTAL ADDITIVE ALTERNATE B AMOUNT IN FIGURES: $_____

TOTAL ADDITIVE ALTERNATE B AMOUNT IN WORDS: _____

_____

BIDDER NAME: _____

CITY AND BOROUGH OF JUNEAU
CBJ Docks and Harbors, Port Director's Office
76 Egan Drive, 2nd Floor, Juneau, Alaska
FAX NO. 907-586-0295

BID MODIFICATION FORM

Modification Number: _____ Modification Page ____ of ____

Note: All modifications shall be made to the original bid amount(s). If more than one Modification form is submitted by any one bidder, changes from all Modification forms submitted will be combined and applied to the original bid. Changes to the modified Bid amounts will be calculated by the OWNER. Bidder may use multiple modification pages if required.

PAY ITEM No.	PAY ITEM DESCRIPTION	MODIFICATIONS TO UNIT PRICE OR LUMP SUM (*indicate* +/-)

Base Bid Total Increase or Decrease: $_____

PAY ITEM No.	ALTERNATE PAY ITEM DESCRIPTION	MODIFICATIONS TO UNIT PRICE OR LUMP SUM (*indicate* +/-)

Alternate Total Increase or Decrease: $_____

_____
Name of Bidding Firm

_____
Responsible Party Signature

_____
Printed Name (must be an authorized signatory for Bidding Firm)

END OF SECTION