



ADDENDUM TO THE CONTRACT

for

DOWNTOWN SEAWALK – BRIDGE TO GOLD CREEK

Contract No. E16-011

ADDENDUM NO.: THREE

CURRENT BID OPENING DATE:

October 6, 2015
2:00 p.m. Local Time

PREVIOUS ADDENDA: TWO

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

DATE ADDENDUM ISSUED: **October 1, 2015**

The following items of the contract are modified as herein indicated. All other items remain the same. This is a faxed addendum. A confirming copy will not be mailed to you. 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>

PROJECT MANUAL:

Item No. 1: SECTION 00100 – INSTRUCTIONS TO BIDDERS, Article 17.0 – AWARD OF CONTRACT. **Add** Paragraph C.

“C. Low Bidder will be determined on the basis of the lowest total of the Base Bid plus combinations of Alternates in order of priority as listed below within the limits of available funding.

Priority No.

- 1 Base Bid and Additive Alternate No. 1
- 2 Base Bid”

Item No. 2: SECTION 00310 - BID SCHEDULE. **Replace** with the attached revised Section 00310 - BID SCHEDULE, labeled Addendum No. 3.

Item No. 3: SECTION 00800 – SUPPLEMENTARY GENERAL CONDITIONS, Article SGC 5.2 INSURANCE AMOUNTS, Paragraph E. **Replace** Paragraph E with the following:

“E. Marine Protection and Indemnity \$2,000,000 per Accident or Occurrence including coverage for all crew members. Divers must have appropriate certifications. This coverage is required for any in-water work performed on a marine vessel. This coverage may be provided by the Prime Contractor or the Subcontractor, if the Subcontractor is contracted to do the in-water work on a marine vessel. **The City and Borough of Juneau shall be named additional insured on this policy.**”

Item No. 4: SECTION 00800 – SUPPLEMENTARY GENERAL CONDITIONS, Article SGC 5.2 INSURANCE AMOUNTS. **Add** the following Paragraph:

“H. Vessel Pollution Liability \$1,000,000 per Accident or Occurrence. **The City and Borough of Juneau shall be named additional insured on this policy.**”

SPECIAL PROVISIONS

Item No. 5: SECTION 01025 - MEASUREMENT AND PAYMENT, PART 1 – GENERAL AND DIVISION ONE PAY ITEMS, Article 1.1 – SCOPE. **Add** Paragraph F.

“F. Some Pay Items are listed on the Bid Schedule with alphanumeric suffices designating under which work category they are grouped. The measurement and payment specifications in this Section shall all apply to all Pay Items having the same basic Pay Item number regardless of its work category suffix.”

Item No. 6: SECTION 01025 - MEASUREMENT AND PAYMENT, PART 5 – DIVISION FIVE PAY ITEMS, Article 5.2, Paragraph B. **Add** the following sentence:

“The Guardrail Type 1 installed under Pay Item 5500.1-1 shall also include the concrete foundation shown on the Drawings as incidental to, and paid for under, Pay Item 5500.1-1.”

Item No. 7: SECTION 02370 - SHORE RESTORATION, Labeled Addendum No. 2, PART 2 – PRODUCTS, Article 2.10 – SHELL HASH FILL. **Add** Paragraph D.

“D. The following sources are capable of supplying shell hash fill:

- a) Taylor Shellfish Farms
130 SE Lynch Road
Shelton WA, 985584
(360) 426-6178
Contact: Dave DeAndre
daved@taylorshellfish.com
- b) Coastal Shellfish LP
2016-100 McBride Street
Prince Rupert, BC
V8J-2E8 Canada
(250) 627-7600
Website: www.coastalshellfish.com
- c) Pacific Alaska Shellfish
16797 SE 130th Avenue
Clackamas OR 97015
(503) 905-4500
Email: info@pacseafood.com

Alaska location: (Processing plant limited hours of operation May-August)
Mile 27.5 Mile Spur Highway
Nikiski, AK 99635
(907) 776-8050 (plant phone only operational May-August)
Contact: Rusty Roessler
Cell: (425-501-7319)
rroessler@pacseafood.com

Item No. 8: SECTION 02370 - SHORE RESTORATION, Labeled Addendum No. 2, PART 2 – PRODUCTS. **Add** the following Article 2.12:

“2.12. INTERTIDAL STEPPING STONES

- A. Intertidal stepping stones shall be furnished in the sizes and having the visual qualities indicated on the Drawings. It is intended that the stones be selected from local, natural sources where possible. Quarried rock will be acceptable if approved by the Engineer. Provide product samples.
- B. If the quantity required is not available from local sources, potential sources include:
1. Marenakos
30250 SE High Point Way
Issaquah, WA 98027
Terri Preston
(425) 392-3313
terrip@marenakos.com
 2. Hope Stone LLC
P.O. Box 102
Hope, AK 99605
Henry Drechnowicz
(907)351-4691
HopeStoneAK@gmail.com

Acceptable rock types from these suppliers: hanson, bandera, bluestone, granite, ocean pearl, slate or approved equal.”

Item No. 9: SECTION 02710 – SEEDING. **Delete** in its entirety and **replace** with the following:

“SECTION 02710 – SEEDING

PART 2 – PRODUCTS

2.1. SEED

Delete paragraph B and replace with the following paragraph B:

- B. See plans for Seed Mix types, location and application rates.

Add the following Article:

2.5 PLANTING SOIL

A. As specified in section 2711 Landscape Planting 2.7 A.

PART 3 – EXECUTION

3.1 SOIL PREPARATION

Delete paragraph A and replace with the following paragraph A:

A. Spread planting soil to a depth of four inches and incorporate into the upper four inches of the subsoil. Compact using irrigation or a water filled roller. Do not use mechanical compaction. Compact soil to 84-86% of maximum dry density. Check the soil compaction with a penetrometer or densometer. Do not spread if planting soil or subgrade is frozen, muddy, or excessively wet. Rake to remove rocks and debris larger than 1" in diameter. Continue to rake and roll until all ridges and depressions are removed to create a smooth lawn seed bed.

3.3 APPLICATION METHODS

Add the following Paragraph B:

B. Rake and roll intertidal marsh seed into subgrade to minimize floating and loss of seed.

3.4 MAINTENANCE OF SEEDED AREAS

Add the following paragraph C:

C. Protect and maintain by watering, mowing, reseeding, weeding, and repairing as required to establish thick, weed free, uniform stand of grass or other seeded plantings for 21 calendar days beginning after installation of seed. Continue maintenance until final completion."

Item No. 10: Following SECTION 02710 - SEEDING, on Page 85: **Delete** the sentence "Add the following section:" and **replace** with the following:

"Replace Section 02711 – LANDSCAPE PLANTING with the following section:"

Item No. 11: SECTION 02711 - LANDSCAPE PLANTING, PART 2 – PRODUCTS, Article 2.12 – SNAGS, Paragraph A. **Replace** "12' to 30' in height" with "15' to 30' in height".

Item No. 12: SECTION 02711 - LANDSCAPE PLANTING, PART 3 – EXECUTION, Article 3.8 – PLANT MAINTENANCE, Paragraph A. **Add** the following sentence before the first sentence:

"Maintain all project plantings including live stake plantings, marsh plantings, seeded areas, and transplanted material."

Item No. 13: SECTION 02860 - UNDERSEA GARDEN, PART 1 – GENERAL, Article 1.1 – SUMMARY. **Add** the following paragraphs:

- “G. Provide engineering calculations and professionally sealed drawings by a licensed engineer for all work involving structural reinforcing of undersea garden creatures.
- H. Coloring, dying, tinting, of polyfibercrete or glass fiber reinforced concrete (GFRC) to achieve the required finish. Provide color palette showing colors that match natural sea life colors.”

Item No. 14: SECTION 02860 - UNDERSEA GARDEN, PART 1 – GENERAL, Article 1.2 – SUBMITTALS. **Delete** Paragraph A and **replace** with the following Paragraph A:

- “A. Product Data: For each type of product and undersea garden creature indicated submit construction details, material submittals, dimensions of individual components and profiles, finishes, field-assembly requirements, and installation details for approval.

- 1. Certified test lab report of the sieve analysis of the following:
 - a. Pea Gravel.”

Item No. 15: SECTION 02860 - UNDERSEA GARDEN, PART 1 – GENERAL, Article 1.2 – SUBMITTALS. **Add** the following paragraph:

- “F. Provide shop drawings and art work samples of undersea garden creatures for engineer review and acceptance.”

Item No. 16: SECTION 02860 - UNDERSEA GARDEN, PART 2 – PRODUCTS, Article 2.1 – MANUFACTURERS AND PRODUCTS, Paragraph A. **Delete** subparagraph 1, and **replace** with the following:

- “1. Undersea garden creatures shall be finished with polyfibercrete or glass fiber reinforced concrete (GFRC). The finish of the polyfibercrete or GFRC shall be a custom handcrafted finish and shall appear as realistic as possible to resemble the natural texture and form of the creatures identified in the drawing.

The rockfish creature shall have a handcrafted mosaic tile finish, this will be the only creature with mosaic tile.

Acceptable fabricators and suppliers, or approved equal:

- a) Universal Precast Concrete Inc.
Supplied by UPC Parks or approved equal
<http://www.upcparks.com/upcparks-creatures.html>;
(530) 605-2664.
Northwest Supplier: Bob McGarvey
Northwest Playground Equipment, Inc.
(800) 726-0031
www.nwplayground.com

- b) Play & Park Structures
Caroline Wallace 319 Nickerson St.
Seattle, WA 98109
(206) 556-6130
cwallace@playandpark.com
- c) Cemrock Naturalistic Environments
4015 16th Ave. SW
Seattle, WA 98106
(206) 625-1556

Item No. 17: Section 02860 - UNDERSEA GARDEN, PART 2 – PRODUCTS. **add** the following paragraph:

“B. GRAFFITI TREATMENT

- 1. Finish of undersea creatures shall include a sealant that is graffiti resistant. Provide product submittal for approval.”

Item No. 18: SECTION 05120 - STRUCTURAL STEEL FRAMING, PART 1 – PART 1 – GENERAL, Article 1.4 – QUALITY ASSURANCE. **Delete** Paragraph B.

Item No. 19: **Add** the attached SECTION 15000 – WATER FEATURE PIPING FOR THE WHALE SCULPTURE.

DRAWINGS:

Item No. 20: Drawing L-002, LANDSCAPE PLANTING DETAILS, Detail E. In the note listing tree species, **add** the word “pine”.

Item No. 21: Drawing L-004, LANDSCAPE PLANTING PLAN BEACH. **Add** the following notes:

“Potential Seed Source Vendors include the following. Use of any of these vendors does not relieve the Contractor of compliance with the specifications.

- 1. Direct Seed Sales:
P.O. Box 1281
Issaquah, WA 98027
Ph: 425-466-1350
Email: directseed@msn.com
- 2. Plantas native LLC
P.O 5271
Bellingham, WA 98227-5271
Ph: 360-715-9655
Email: bay@plantasnativa.com
- 3. Sunmark Seeds
18032 NE Airport Way
Portland OR 97320
Ph: 1-503-241-7333
Email: info@sunmarkseeds.com

4. Alaska Native Plant Materials Center,
Peter Johnson
Ph: (907) 745-8105
Email: peter.johnson@alaska.gov
Website: <http://plants.alaska.gov/>

Potential Seed and Plant Material Source Vendors include the following. Use of any of these vendors does not relieve the Contractor of compliance with the specifications.

1. Alaska Native Plant Materials Center (as above)
(907) 745-4469
2. Fourth Corner Nursery:
5652 Sand Road
Bellingham, WA 98226
Ph: (360) 592-2250
Emails: sales@fourthcornernurseries.com
3. Far North Trees & Seeds:
Palmer Alaska
Ph: (907) 745-4024
Email: nick@farnorthtreenadseed.com
Website: <http://www.farnorthtreeandseed.com/>
4. Nat's Nursery
24555 32nd Avenue
Langley, BC v2z 2j5
Phone: 604-530-9300
Contact: Haley Argen
Email: plugs@natsnursery.com

Item No. 22: Drawing A-005 – RAILING DETAILS, Detail 2 – STAIR POST 2, STAIR GARDRAIL. **Delete** the note “Stainless Steel Grating, Stair Tread, and Landing with Nosing”, and **replace** with the following:

“2 1/2"x3/16" TYPE W-8-4 SERRATED GALV STEEL BAR GRATING W/ L2 1/2x2x 1/2 ABRASIVE NOSING.”

Delete the risers shown on both the steel and FRP stairs.

Item No. 23: Drawing E-001, ELECTRICAL LEGEND, SINGLE LINE DIAGRAM, Diagram 2 – SINGLE LINE DIAGRAM – POWER DISTRIBUTION. **Add** the following note:

“Contractor shall install grounding system consisting of a No. 1/0 conductor routed from the ground bus in the switchboard to four ground rods spaced no less than 10 ft apart in a ring around the switchboard. The ground rods shall be interconnected with a buried 1/0 copper conductor.”

Item No. 24: Drawing E-001 – ELECTRICAL LEGEND, SINGLE LINE DIAGRAM. **Delete** the 400A disconnect and conductors feeding the Whale Fountain Control Panel. The 3” conduit shall remain in the Work.

UNDER BRIDGE SECTION. **Replace** the note "Retaining Wall, See Arch./Struc." with the words "Retaining Wall, See Details 5 and 6, Drawing A-003 – RAILING DETAILS".

Item No. 26: Drawing L-151 – LANDSCAPE MATERIALS DETAILS, Detail D – INTERTIDAL STEPPING STONE.

Change the dimension "'4"-8" THICK, TYP." **to** "2.5" – 8" THICK TYP."

Change the dimension "VARIABLE DIMENSIONS MIN. 2' X 2', MAX. 4' X 4'" **to** "VARIABLE DIMENSIONS MIN. 1.5' X 1.5', MAX. 4' X 4'."

Item No. 27: Drawing L-155 – LANDSCAPE MATERIALS DETAILS. **Add** the following note:

"For all Seat Wall types, provide control joints at all Type F embedded light fixtures and additional control joints spaced uniformly to provide maximum space between joints of 8'0."

Item No. 28: Drawing S-104 – PICNIC SHELTER FLOOR AND ROOF PLANS, Plan 3 - ROOF PLAN. In the note referring to roof decking, **replace** the words "2x4 T&G AYC Decking" with the words "2x6 T&G AYC Decking".

Item No. 29: Drawing S-105 – BUS SHELTER FLOOR AND ROOF PLANS, Plan 2 - ROOF PLAN. In the note referring to roof decking, **replace** the words "2x4 T&G AYC Decking" with the words "2x6 T&G AYC Decking".

Item No. 30: Drawing E-101 – SITE POWER AND LIGHTING – BRIDGE PARK, Detail 1 – SITE POWER AND LIGHTING – BRIDGE PARK. **Add** Notes 1 and 2.

"1. All electrical utility work required for this project will be paid by the CBJ to the associated utilities, including AEL&P, GCI, and ACS. Provide coordination as required for their work. The utility work will include removal of one utility pole, installation of a new utility pole, repositioning of aerial service drops, the installation of new underground services, and all of the associated work.

2. Remove the Antenna Pole and support structures for utility service and radio equipment at the base of the pole with this project. Remove all utility service equipment. The antennas and radio equipment will be removed by the CBJ."

Item No. 31: Drawing C-231 – SITE CIVIL SECTIONS SEAWALK, Section 1 – ISLAND SECTION. **Delete** the note which reads "Remove top 6" to 12" of existing ground to be used in the topsoil mix for island".

Item No. 32: Drawing L-252 – LANDSCAPE MATERIALS DETAILS, HABITAT LOG GENERAL NOTES, Note 1. **Add** the word "spruce" to list of tree species.

Item No. 33: Drawing S-252 – FIBERGLASS STAIRS, DETAILS AND SECTIONS and Drawing A-231 – STAIR SECTION, SEAWALK WEST. **Delete** the risers shown on both the steel and the FRP stairs.

By: 
Greg Smith,
Contract Administrator

Total number of pages contained within this Addendum: 14

SECTION 00310 - BID SCHEDULE

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PAY UNIT	APPROX. QUANTITY	UNIT PRICE		AMOUNT	
				DOLLARS	CENTS	DOLLARS	CENTS
BASE BID							
1505.1	Mobilization	Lump Sum	All Req'd	Lump	Sum		
1550.1	Traffic Control	Lump Sum	All Req'd	Lump	Sum		
1570.1	Erosion and Sediment Control	Lump Sum	All Req'd	Lump	Sum		
2201.1	Clearing and Grubbing	SY	1,300				
2202.1	Usable Excavation	CY	900				
2202.2	Unusable Excavation	CY	220				
2202.3	Select Borrow	Ton	1,940				
2202.4	8-Inch Minus Shot Rock Borrow	Ton	15,100				
2202.5	18-Inch Minus Shot Rock Borrow	Ton	60,100				
2202.6	Mining Area Restoration & Road Cleaning Guarantee	Contingent Sum	All Req'd	Contingent	Sum	\$ 10,000	00
2202.7	Individual Mining Plan	Lump Sum	All Req'd	Lump	Sum		
2204.1	2-Inch Minus Shot Rock	Ton	1,040				
2204.2	Base Course, Grading D-1	SY	2,910				
2205.1	Class IV Rip Rap	CY	2,200				
2370.1	36-Inch Minus Rounded Boulders	Ton	9,850				
2370.2	10-Inch Minus Cobble	Ton	800				
2370.3	Stone Steps Over Rip Rap	Ton	75				
2370.4	Intertidal Stepping Stones	Ton	80				
2370.5	Cobble, Gravel, Soil Mix	CY	2,400				
2370.6	Gravel, Soil Mix	CY	2,600				
2370.7	Shell Hash Fill	CY	15				
2370.8	Tide Pool	Lump Sum	All Req'd	Lump	Sum		
2398.1	Pier Timberwork, Elevated Deck	SF	22,000				
2398.2	Pier Timberwork, At-Grade Deck Island	SF	7,250				
2398.3	Pier Timberwork, At-Grade Deck Bridge Park	SF	4,675				
2401.1	Sanitary Sewer Service Laterals	Lump Sum	All Req'd	Lump	Sum		
2458.1	Steel Pipe Piles	EA	68				
2501.1	12-Inch Pipe Culvert	LF	190				
2501.2	6-Inch Underdrain	LF	330				
2502.1	Storm Drain Manhole, Type I	EA	1				
2502.2	Catch Basin, Type III	EA	1				
2502.3	Trench Drain	LF	92				
2515.1	Masonry Unit Pavers, Granite	SY	200				
2515.2	Masonry Unit Pavers, Brick	SY	1,500				
2603.1	Fire Hydrant Assembly	EA	1				

COMPANY NAME _____

SECTION 00310 - BID SCHEDULE

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PAY UNIT	APPROX. QUANTITY	UNIT PRICE		AMOUNT	
				DOLLARS	CENTS	DOLLARS	CENTS
2605.1	1-Inch Water Services	Lump Sum	All Req'd	Lump	Sum		
2702.1	Construction Surveying	Lump Sum	All Req'd	Lump	Sum		
2710.1	Lawn Seed Mix	SY	884				
2710.2	Low Marsh Seed Mix	SY	400				
2710.3	Lower Low Marsh Seed Mix	SY	2,600				
2710.4	High Marsh Seed Mix	SY	2,421				
2710.5	Riparian Seed Mix	SF	500				
2711.1	Topsoil	CY	2,164				
2711.2	Planting Soil	CY	400				
2711.3	Bark Mulch	CY	218				
2711.4	Planting, Coniferous Tree 5'-6' container	EA	77				
2711.5	Planting, Coniferous Tree 1 gal. Container	EA	37				
2711.6	Planting, Deciduous Tree 3" Caliper	EA	7				
2711.7	Planting, Deciduous Tree 1.5" Caliper	EA	9				
2711.8	Planting, Deciduous Tree 4'-5' Container	EA	15				
2711.9	Planting, Deciduous Tree 5 gal. Container	EA	47				
2711.10	Planting, Plant 2 gal. Container	EA	291				
2711.11	Planting, Plant 1 gal. Container	EA	2,646				
2711.12	Planting, Plant 4" pot. Container	EA	6,517				
2711.13	Planting, Plant 10" Plug.	EA	11,635				
2711.14	Planting, Bulbs	EA	320				
2711.15	Planting, Livestakes	EA	1,192				
2711.16	Habitat Snag	EA	25				
2711.17	Habitat Log	EA	13				
2711.18	Habitat Log/Rootwad	EA	20				
2711.19	Anchored Habitat Log	EA	70				
2711.20	Anchored Habitat Root Wad	EA	2				
2711.21	Transplant Native Herbaceous Species	EA	25				
2711.22	Transplant Alkali grass	SF	5,400				
2711.23	Landscape Boulders	Ton	20				
2711.24	Tree Grate	EA	3				
2711.25	Jute Mesh	SY	800				
2714.1	Stabilization Fabric	SY	2,000				
2714.2	Geogrid	SY	1,000				
2716.1	Storm Culvert Removal	Lump Sum	All Req'd	Lump	Sum		
2717.1	Storm Structure Removal	Lump Sum	All Req'd	Lump	Sum		

COMPANY NAME _____

SECTION 00310 - BID SCHEDULE

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PAY UNIT	APPROX. QUANTITY	UNIT PRICE		AMOUNT	
				DOLLARS	CENTS	DOLLARS	CENTS
2718.1	Project Sign Assembly	Lump Sum	All Req'd	Lump	Sum		
2720.1	Painted Traffic Markings	Lump Sum	All Req'd	Lump	Sum		
2801.1	A.C. Pavement, Type II-A, Class B	Ton	320				
2806.1	Remove Existing Asphalt Surfacing	SY	515				
2870.1	Site Furnishings, Bench Type A	EA	16				
2870.2	Site Furnishings, Bench Type B	EA	16				
2870.3	Site Furnishings, Bench Type C	EA	10				
2870.4	Site Furnishings, Picnic Table Type A	EA	1				
2870.5	Site Furnishings, Picnic Table Type B	EA	1				
2870.7	Site Furnishings, Table Type A	EA	14				
2870.8	Site Furnishings, Chair Type A	EA	28				
2870.9	Site Furnishings, Trash Receptacle Type A	EA	11				
2870.10	Site Furnishings, Bike Rack Type A	EA	2				
2870.12	Site Furnishings, Removable Bollard	EA	2				
2870.15	Site Furnishings, Drinking Fountain	EA	1				
3300.1	Concrete Foundation for the Whale Sculpture	Lump Sum	All Req'd	Lump	Sum		
3300.2	Concrete Pool and Drain Channels for the Whale Sculpture	Lump Sum	All Req'd	Lump	Sum		
3300.3	Cast in Place Concrete, Seatwalls	Lump Sum	All Req'd	Lump	Sum		
3300.4	Cast in Place Concrete, Concrete Paving Header	Lump Sum	All Req'd	Lump	Sum		
3303.1	Concrete Sidewalk 4-Inches Thick	SY	340				
3303.2	Detectable Tile	SF	32				
3303.3	Curb and Gutter, Type I	LF	610				
5120.1	Structural Steel Framing, Elevated Deck	Lump Sum	All Req'd	Lump	Sum		
5500.1	Guardrail Type 1	LF	2,164				
5500.2	Guardrail Type 2	LF	524				
5500.3	Guardrail Type 3	LF	115				
5500.4	Guardrail Type 4	LF	75				
5500.5	Restroom Screen Wall	Lump Sum	All Req'd	Lump	Sum		
5500.7	Bus Shelter	Lump Sum	All Req'd	Lump	Sum		
6201.1	Boat Deck Furnishings	Lump Sum	All Req'd	Lump	Sum		
6201.2	Barrier Fence - Pine Rail	LF	370				
13312.1	Tensioned Fabric Structure at Boat Deck	Lump Sum	All Req'd	Lump	Sum		
15000.1	Water Feature Piping for the Whale Sculpture	Lump Sum	All Req'd	Lump	Sum		
16000.1	Electrical Service, Distribution and Lighting	Lump Sum	All Req'd	Lump	Sum		

TOTAL BASE BID _____

COMPANY NAME _____

SECTION 00310 - BID SCHEDULE

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PAY UNIT	APPROX. QUANTITY	UNIT PRICE		AMOUNT	
				DOLLARS	CENTS	DOLLARS	CENTS

ADDITIVE ALTERNATE NO. 1

Part A: Seawalk

2202.3-1A	Select Borrow	Ton	100				
2204.1-1A	2-Inch Minus Shot Rock	Ton	150				
2204.2-1A	Base Course, Grading D-1	SY	550				
2398.3-1	Pier Timberwork, At-Grade Deck	SF	325				
2515.1-1	Masonry Unit Pavers, Granite	SY	28				
2515.2-1	Masonry Unit Pavers, Brick	SY	395				
2711.1-1A	Topsoil	CY	36				
2711.2-1A	Planting Soil	CY	25				
2711.3-1A	Bark Mulch	CY	16				
2711.7-1A	Planting, Deciduous Tree 1.5" Caliper	EA	3				
2711.1-1A	Planting, Plant 2 gal. Container	EA	99				
2711.11-1A	Planting, Plant 1 gal. Container	EA	147				
2711.12-1A	Planting, Plant 4" pot. Container	EA	62				
2711.14-1A	Planting, Bulbs	EA	20				
2711.17-1	Habitat Log	EA	1				
2711.16-1	Habitat Snag	EA	3				
2711.23-1	Landscape Boulders	Ton	2				
2801.1-1	A.C. Pavement, Type II-A, Class B	Ton	45				
2870.1-1	Site Furnishings, Bench Type A	EA	3				
2870.5-1	Site Furnishings, Picnic Table Type B	EA	2				
2870.6-1	Site Furnishings, Picnic Table Type C	EA	2				
2870.7-1A	Site Furnishings, Table Type A	EA	6				
2870.8-1A	Site Furnishings, Chair Type A	EA	12				
2870.9-1A	Site Furnishings, Trash Receptacle Type A	EA	4				
2870.11-1	Site Furnishings, Bike Rack Type B	EA	1				
2870.14-1	Site Furnishings, Park and Camp Grill	EA	1				
2870.16-1	Site Furnishings, Whale Tail Bench	EA	3				
3300.3-1	Cast in Place Concrete, Seatwalls	Lump Sum	All Req'd	Lump	Sum		
3300.4-1	Cast in Place Concrete, Concrete Paving Header	Lump Sum	All Req'd	Lump	Sum		
5500.1-1	Guardrail Type 1	LF	176				
5500.6-1	Picnic Shelter	Lump Sum	All Req'd	Lump	Sum		
16000.1-1	Electrical Service, Distribution and Lighting	Lump Sum	All Req'd	Lump	Sum		

COMPANY NAME _____

SECTION 00310 - BID SCHEDULE

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PAY UNIT	APPROX. QUANTITY	UNIT PRICE		AMOUNT	
				DOLLARS	CENTS	DOLLARS	CENTS
Part B: Park							
2202.3-1B	Select Borrow	Ton	100				
2204.1-1B	2-Inch Minus Shot Rock	Ton	150				
2204.2-1B	Base Course, Grading D-1	SY	550				
2605.1-1	1-Inch Water Services	Lump Sum	All Req'd	Lump	Sum		
2710.1-1	Lawn Seed Mix	SY	1,416				
2711.2-1B	Planting Soil	CY	185				
2711.3-1B	Bark Mulch	CY	6				
2711.7-1B	Planting, Deciduous Tree 1.5" Caliper	EA	3				
2711.8-1B	Planting, Deciduous Tree 4'-5' Container	EA	1				
2711.1-1B	Planting, Plant 2 gal. Container	EA	43				
2711.11-1B	Planting, Plant 1 gal. Container	EA	26				
2860.1-1	Undersea Garden	Lump Sum	All Req'd	Lump	Sum		
2860.2-1	Undersea Garden, Salvaged Boat Installation	EA	1				
2860.3-1	Undersea Garden, Skiff Installation	EA	1				
2870.12-1	Site Furnishings, Removable Bollard	EA	2				
2870.13-1	Site Furnishings, Bollard	EA	4				

TOTAL ADDITIVE ALTERNATE NO. 1 _____

COMPANY NAME _____

SECTION 15000 – WATER FEATURE PIPING FOR THE WHALE SCULPTURE

PART 1 – GENERAL

1.1. SCOPE OF WORK

- A. Provide all the piping, fittings, connections and other appurtenances necessary to complete the piping systems as shown on the Drawings. Generally, the Work includes site piping to connect the sculpture support vault and pool to the future pump/filter room.

1.2. REFERENCES

- A. Applicable provisions of the CBJ Standard Specifications for Civil Engineering, as amended and modified by these Special Provisions.
- B. Drawings labeled “The Whale Project Water Feature”, prepared by Wesco Fountains, Inc. (27 sheets).
- C. Plastic Pipe Institute, Handbook of Polyethylene Pipe, most recent edition.

PART 2 – PRODUCTS

2.1. MATERIALS

- A. Piping and appurtenances, pipe bedding material, and other material necessary to complete the work shall meet the specifications shown on the Drawing and specified herein. Unless otherwise shown, piping shall be High Density Polyethylene (HDPE) meeting the following standards:
 - 1. Pipe Material – ASTM F714, PE 3408, Cell Classification 345464C.
 - 2. Fittings – ASTM D3261
 - 3. Joints: Thermal Butt Fusion or Flanged.
 - 4. Flanges: In accordance with PPI Tech Document TN-38
- B. All drains, inlets, skimmers, wall and slab penetrations, and other embedded items shall be furnished as specified on the Wesco water feature drawings.

PART 3 – EXECUTION

3.1. GENERAL

- A. The CONTRACTOR shall install the embedded items in the concrete structures as shown on the Contract Drawings and the Wesco drawings. Connections to and from the sculpture vault and pool shall be coordinated with the water feature design,
- B. Site piping shall be installed in accordance with Section 002203 – TRENCHING, as modified, and applicable provisions of the PPI Handbook.
- C. All pipe terminations 3” and larger at the future pump/filter room shall end with a blind flange. All pipe terminations 2” and smaller at the future pump/filter room shall be plain ends with removable pipe plugs.

END OF SECTION